

Primary Three Examination Papers

2016

Mathematics

1	Nan Hua Primary School	CA1	SA1	SA2
2	Rosyth School	CA1	SA1	SA2
3	Pei Chun Public School	CA1	SA1	SA2
4	River Valley Primary School	CA1		SA2
5	Anglo Chinese School	CA1	SA1	SA2
6	Nanyang Primary School		SA1	SA2
7	Methodist Girls' School		SA1	SA2
8	Tao Nan School		SA1	SA2
9	Temasek Primary School		SA1	SA2
10	Maris Stella High School		SA1	SA2
11	Red Swastika School		SA1	SA2
12	Chij St Nicholas Girls' School		SA1	SA2

Nan Hua Primary School
Primary 3 Mathematics Worksheet
Unit 1 - Numbers To 10 000 (4)

Name: _____ ()

Class: Primary 3 ()

Date: _____

Marks:



Focus: Revision

For each question, write your answer in the blanks provided.
Do show your workings whenever possible.

1. Write three hundred and seventy in numerals? Answer: _____

2. Write 8 044 in words.

Answer: _____

3. In 389,

(a) Which digit is in the hundreds place? Answer: _____

(b) The digit '8' is in the _____ place. Answer: _____

4. Arrange the numbers in order. Begin with the **greatest** number.

6 783

6 738

7 638

7 368

Greatest

5. Arrange the numbers in order. Begin with the **smallest** number.

5 604

5 064

5 046

6 054

Smallest

6. Complete the number pattern. Fill in the missing numbers.



7. Complete the number pattern. Fill in the missing numbers.



- 8.



I am a 4-digit number.
I am a number with the digits 9, 0, 4, 7.
The digit '9' is in the ones place.
The digit '7' stands for 70.
What number am I?



Answer: _____

9. How many **hundreds** are there in 9 900?

Answer: _____ hundreds

10.

Card **A**

3 thousands 30 hundreds 5 tens 4 ones

Card **B**

5 thousands 3 hundreds 80 tens 9 ones

Card **C**

5 thousands 3 hundreds 9 tens 9 ones

Which card has the **greatest** value?

Answer: Card _____

END.

Nan Hua Primary School
Primary 3 Mathematics Worksheet
Unit 1: Numbers to 10 000 & Unit 2: Addition & Subtraction

Name: _____ ()

Class: Primary 3 ()

Date: _____

Marks:



A. Fill in the boxes with the correct answers. (1 m each)

1. Write 749 in words.

2. 965 = 9 hundreds

--

 tens 5 ones

3. Write the following in numerals.

Nine thousand and seventeen

→

--

4. 2 437 =

--

 thousands 3 hundreds

--

 tens 7 ones

5. How many hundreds are there in 8 700 ?

--

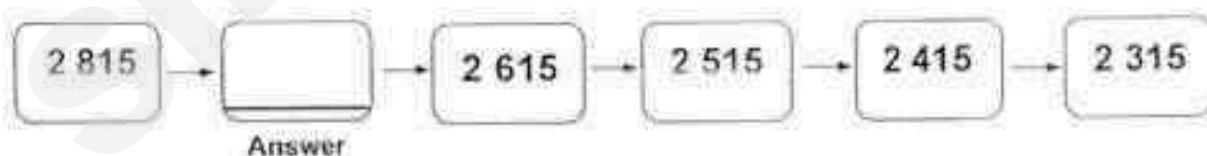
6. 100 more than 1 980 is _____

7. Complete the following question:

$$\begin{array}{r} 3 \quad 4 \quad 2 \\ + \quad 5 \quad 6 \quad 7 \\ \hline \end{array}$$

8. 6 640 is less than 6 860

9. Study the number pattern carefully.
Then fill in the missing number.



10. The difference between two numbers is 325.
The smaller number is 2 500. What is the larger number?

B. Fill in the boxes with the correct answers. (2 m each)

11. The sum of 3 numbers is 1 745. One of the numbers is 145 and another is 300, what is the third number ?

12. There were 2 659 people in the hall. There were 1 100 men, 620 women and the rest were children. How many children were there in the hall ?

**C. Read the following word problems carefully.
Show your equations and workings clearly.
Complete the answer statements. (3 m each)**

13. On Saturday, 2 356 tourists visited the Art Museum.
On Sunday, 1 250 fewer tourists visited the Art Museum.
- a) How many tourists visited the museum on Sunday?
b) What was the total number of tourists at the museum over the weekend ?

a) tourists visited the museum on Sunday.

b) tourists visited the museum over the weekend.

14. Ali had a collection of 6 840 stamps.
3 275 stamps were from Singapore and the rest were from Malaysia.
How many **more** Malaysian stamps than Singapore stamps did he have?

Ali had _____

Primary 3 Mathematics: Unit 1- Numbers to 10 000

No.	Answer
1.	3 70
2.	Eight thousand and forty-four
3.	a. 3 b. tens
4.	7 638, 7 368, 6 783, 6 738
5.	5 046, 5 064, 5 604, 6 054
6.	1 065, 1 068
7.	9 000, 9020
8.	4 079
9.	99
10.	B

Nan Hua Primary School
Primary 3 Mathematics Worksheet

Unit 1: Numbers to 10 000 & Unit 2: Addition & Subtraction (U 1 / 4)

Section A

Qn	Answer
1	Seven hundred and forty-nine
2	6
3	9 017
4	2 13
5	87
6	2 080
7	909
8	220
9	2715
10	2 825

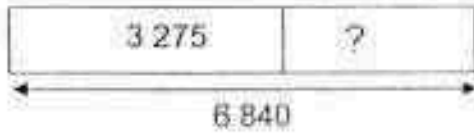
Section B

Qn	Answer
11	1 300 $1\,745 - 145 = 1\,600$ $1\,600 - 300 = 1\,300$
12	939 $2\,659 - 1\,100 = 1\,559$ $1\,559 - 620 = 939$

Section C

Qn	Answer
13	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">Sat</div> <div style="border: 1px solid black; padding: 5px; text-align: center; width: 200px;">2 356</div> <div style="margin-left: 10px;">↑</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">Sun</div> <div style="border: 1px solid black; padding: 5px; text-align: center; width: 100px;">(a)?</div> <div style="margin-left: 10px;">← 1 250</div> <div style="margin-left: 10px;">↑</div> </div> <div style="margin-left: 210px; margin-top: -20px;">(b) ?</div> <p>a) $2\,356 - 1\,250 = \underline{1\,106}$</p> <p>b) $2\,356 + 1\,106 = \underline{3\,462}$</p> <p><u>1 106</u> tourists visited the museum on Sunday.</p> <p><u>3 462</u> tourists visited the museum over the weekend.</p>

14



$$6\,840 - 3\,275 = 3\,565$$

$$3\,565 - 3\,275 = 290$$

Ali had 290 more Malaysian stamps.

2/12

3



Rosyth School
Topical Test 1
Mathematics
Primary 3
2016

Name : _____ () Total  40

Class : Pr 3 - Duration: 55 min

Date : 26 February 2016 Parent's Signature: _____

Instructions to Pupils:

1. Do not open this booklet until you are told to do so.
2. This paper consists of 3 parts: Sections A, B and C.
3. Follow all instructions carefully.
4. ANSWER ALL THE QUESTIONS.
5. Check all answers carefully.

	Maximum Marks	Marks Obtained
Section A	10	
Section B	14	
Section C	16	
Total	40	

* This paper consists of 9 printed pages altogether (including cover page).

Section A (5 X 2 marks)

For questions 1 to 5, four options are given. One of them is the correct answer. Make your choice and write its number 1, 2, 3 or 4 in the brackets provided. Each question carries 2 marks.

1. What is the value of the digit 2 in 7 203?

(1) 20

(2) 2

(3) 200

(4) 2 000

()

2. In 4 389, which digit is in the tens place?

(1) 8

(2) 9

(3) 3

(4) 4

()

3. What is the difference between 3 814 and 721?

(1) 3 093

(2) 3 113

(3) 3 193

(4) 4 535

()

4. On Saturday, 2 490 people went to a funfair.

On Sunday, 3 852 people went to the funfair.

What is the total number of people who went to the funfair over the weekend?

(1) 1 362

(2) 5 242

(3) 5 342

(4) 6 342

()

5. What is the value of 6×6 ?

(1) 6

(2) 12

(3) 36

(4) 66

()

Section B (4 X 1 mark, 5 X 2 marks)

For questions 6 to 14, show your working clearly in the space below each question and write your answer in the answer boxes provided.

Give your answers in the units stated.

Questions 6 to 9 carry 1 mark each, while questions 10 to 14 carry 2 marks each.

6. Write nine thousand and sixty-one in numerals.

7. You are given four number cards.

1

6

2

5

Use these cards to form the greatest 4-digit number.
Use each card only once.

8. Arrange the following numbers in order. Begin with the smallest.

4 290

4 902

4 092

4 209

Smallest

9. Write a multiplication equation for the diagram below.



$$\square \circ \square = \square$$

10. What is the missing number in the table below?



Number of F1 cars	1	2	3		9
Number of tyres	4	8	12		?

tyres

11. Meiling read 7 storybooks last year.
Hasan read 8 times as many books as Meiling.
How many books did Hasan read?

books

12. What is the sum of 5 146 and 1 978?

-
13. Complete the number pattern below.



-
14. The difference between two numbers is 174.
The greater number is 1 187.
What is the smaller number?

Section C (4 X 4 marks)

Read the following questions carefully. Show your workings and write your answer clearly at the spaces provided at the end of each question.

15. There are 342 girls in the school hall.

There are 179 more girls than boys in the school hall.

How many children are there altogether?

Working

Answer:

16. At a factory, 3 690 computers were produced in October.
1 345 more computers were produced in November than October.
How many computers were produced in the 2 months?

Working

Answer:

17. Jane has 7 erasers.

Alan has 4 times as many erasers as Jane.

- a) How many erasers does Alan have?
- b) How many more erasers Alan has than Jane?

Working

Answer:

a)

b)

18. Mr Tan bought 7 boxes of oranges.
There were 6 oranges in each box.
His neighbour gave him 9 more oranges.
How many oranges did he have in the end?

Working

Answer:

- End of Paper -

EXAM PAPER 2016 (P3)

SCHOOL : ROSYTH

SUBJECT : MATHEMATICS

TERM : CA1

Q1	Q2	Q3	Q4	Q5
3	1	1	4	3

6)9061 7)6521 8)4902, 4209, 4290, 4902

9) $6 \times 3 = 18$ 10) $9 \times 14 = 36$ 11) $8 \times 7 = 56$

12) $5146 + 1978 = 7124$

13) $2188 - 2178 = 10$

$$2218 - 10 = 2208$$

14) $1187 - 174 = 1013$

15)Boys = $342 - 179 = 163$

$$\text{Total} = 342 + 163 = 505$$

There were 505 children altogether.

16)November = $3690 + 1345 = 5035$

$$\text{Total} = 5035 + 3690 = 8725$$

There were 8725 computers altogether.

17)a) $4 \times 7 = 28$

Alan has 28 erasers.

b) $3 \times 7 = 21$

He has 21 more erasers than Jane

18)at first = $7 \times 6 = 42$

Now = $42 + 9 = 51$

He has 51 oranges in the end.

Pei Chun Public School
Holistic Assessment 1 – 2016
Mathematics
Primary 3

Do not write
in this space

Name: _____ ()

Class : Primary 3 _____

Date : 24 February 2016

Time : 30 min

Maths Teacher : _____

Parent's Signature: _____

Section A	14
Section B	6
TOTAL	20

Section A

Questions 1 to 6 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(6 marks)

1. In 5278, which digit is in the thousands place?

Answer : _____

2. Write two thousand, five hundred and six in numbers.

Answer : _____

SCORE

--

3. Write 9847 in words.

Do not write
in this space

4. Arrange these numbers in order. Begin with the smallest.

7909

7810

7099

7801

(smallest)

5. Use the digits below to form the smallest 4-digit **even** number. Each digit can only be used once. Do not start with "0".

9

0

4

5

Answer : _____

6. What is the missing digit?

$$\begin{array}{r} 71\boxed{?}6 \\ - 3569 \\ \hline 3567 \end{array}$$

Answer : _____

SCORE

Questions 7 to 10 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (8 marks)

Do not write
in this space

7. Study the number pattern below.
Fill in the missing numbers.

1025, 1015, 1005, _____, 985, _____, 965

8. The difference between 2 numbers is 208. The smaller number is 341. What is the greater number?

Answer : _____

9. Factory A produced 8500 bottles of milk. Factory B produced 845 more bottles than Factory A. How many bottles of milk did Factory B produce?

Answer : _____

10. I have a 4-digit number. It is between 1000 and 2000.

The digit 2 stands for 200. The digit in the tens place is 5 more than the digit in the hundreds place. The digit in the ones place is 1 less than the digit in the tens place.

What is the number?

Answer : _____

SCORE

Section B

For questions 11 to 12, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question.
(6 marks)

11. The total cost of a television set and an oven is \$2052. The television set costs \$1298. How much more does the television set cost than the oven?

Answer : _____ [3]

SCORE

12. David has 42 stamps more than Bala. Caili has 20 stamps fewer than Bala. The three children have 109 stamps altogether. How many stamps does Caili have?

Do not write
in this space

Answer : _____ [3]

End of Paper

Set by : Mdm Buu Shin Yunn, Mr Gabriel Teo and Mrs Foo Ee Ling

SCORE

EXAM PAPER 2016 (P3)

SCHOOL : PEI CHUN

SUBJECT : MATHEMATICS

TERM : CA1

1)5 2)2506 3)Nine thousand, eight hundred and forty-seven

4)7099, 7801, 7810, 7909 5)4590 6)3 7)995, 975

8)549 9)9345 10)1276

11) $2052 - 1298 = 754$

Amt. of money oven cost = $2052 - 1298 = 754$

$1298 - 754 = 544$

Amt. of money the television cost more than the oven = $1298 - 754 = \$544$

12) $3 \text{ unit} = 109 - 20 - 20 - 42 = 27$

1 unit (Caili) = $27 \div 3 = 9$

No. of stamp Caili has = $27 \div 3 = 9$

RIVER VALLEY PRIMARY SCHOOL
CONTINUAL ASSESSMENT 1
2016
PRIMARY THREE
MATHEMATICS

Instructions to candidates

- Do not open the booklet(s) until you are instructed to do so.
- Read all instructions provided in each section carefully.
- Show your workings as marks may be awarded.

Name: _____ ()

Class: Primary 3

Date: 3 March 2016

Duration: 1 hour

SUMMARY OF MARKS :

Section		Questions	Marks Awarded	Maximum Marks
A	Multiple Choice Questions	1 – 10		20
B	Short Answer Questions	11 – 19		18
C	Long Answer Questions	20 – 22		12
Total				50

Section A : MCQ (20 marks)

Questions 1 to 10 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write the number of the correct answer in the brackets provided. Also shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. What is the value of the digit 3 in 1 356 ?

(1) 3 000

(2) 300

(3) 3

(4) 30

()

2. $9 + 9 + 9 + 9 + 9 + 9 + 9 = \underline{\hspace{2cm}} \times 9 - 9$

(1) 6

(2) 7

(3) 8

(4) 9

()

3. 85 hundreds and 12 tens is the same as _____

(1) 8 512

(2) 8 520

(3) 8 612

(4) 8 620

()

4. Which of the following numbers is between 9 795 and 9 900 ?

(1) 9 700

(2) 9 790

(3) 9 800

(4) 9 995

()

5. Arrange the following numbers from the greatest to the smallest.

840 , 804 , 884 , 848

(greatest)

(smallest)

(1) 804 , 848 , 840 , 884

(2) 884 , 848 , 840 , 804

(3) 884 , 848 , 804 , 840

(4) 848 , 884 , 840 , 804

()

6. What is the sum of 5 609 and 1 432?

(1) 7 041

(2) 6 041

(3) 6 031

(4) 4 177

()

7. The difference between two numbers is 2 549.
If the smaller number is 189, what is the greater number?

(1) 2 360

(2) 2 440

(3) 2 628

(4) 2 738

()

8. Mrs Kor had \$400 at first.
After she bought an electric mixer, she had \$311 left.
How much did the electric mixer cost?

(1) \$189

(2) \$111

(3) \$99

(4) \$89

()

9. There were 800 boys and 735 girls in Sunshine Primary School.
Mr Lim printed only 1400 copies of handbooks for the students.
How many more copies of handbooks should Mr Lim print so that
every student will get a copy?

(1) 2 935

(2) 1 535

(3) 135

(4) 65

()

10. I am thinking of a number. When I subtract 4 from it, the answer will
be 40. What number am I thinking of?

(1) 10

(2) 36

(3) 44

(4) 160

()

Section B : SAQ (18 marks)

Questions 11 to 19 carry 2 marks each. For each of the questions, write the correct answer in the space provided. Show your working clearly as marks may be awarded

11. Write three thousand, six hundred and thirty-two in numerals.

Ans : _____

12. In the number pattern below, what is the missing number in the box?

125, 130, , 140, 145, 150

Ans : _____

13. _____ is 1 000 less than 4 107.

Ans : _____

14. Tammy packed 6 tarts equally in one box.
She sold 9 boxes of tarts.
How many tarts did she sell altogether ?

Ans : _____

15. Use the digits 4, 1, 3, 8 to form the greatest 4 - digit even number.

Ans : _____

16. What is the missing number in the box below ?

$$\begin{array}{r} 7146 \\ - 52\boxed{}7 \\ \hline 1849 \end{array}$$

Ans : _____

17. When a number is multiplied by 8, the answer is smaller than 60 but greater than 50. What is the number ?

Ans : _____

18. A car company had 1299 cars.
It sold 368 cars in January and 220 cars in February.
How many cars did the company have left at the end of February ?

Ans : _____

19. There were 5441 books in the school library.
The librarian bought 390 more fiction books and 150 more non-fiction books.
How many books are there in the library now ?

Ans : _____

Section C : LAQ (12 marks)

Questions 20 to 22 carry 4 marks each. Solve the problems carefully. All working must be clearly shown as marks may be awarded.

20. Asher, Berry and Christie sold 632 cookies altogether at a fun fair.

Asher sold 197 cookies. Berry sold 220 cookies.

Christie sold the rest of the cookies.

(a) How many more cookies did Berry sell than Asher ?

(b) How many cookies did Christie sell ?

Ans : (a) _____ (2m)

(b) _____ (2m)

21. There were 540 women and 291 men in a train at first.

At the next station, 63 women alighted from the train.

(a) How many people were there in the train at first ?

(b) How many women were left in the train at the next station ?

Ans: (a) _____ (2m)

(b) _____ (2m)

22. There were some strawberries in Basket A and Basket B.

There were 366 more strawberries in Basket A than in Basket B at first.

- (a) If there were 362 strawberries in Basket B, how many strawberries were there in Basket A at first?
- (b) Then, Tina transferred 45 strawberries from Basket A to Basket B. How many more strawberries were there in Basket A than in Basket B?

Ans: (a) _____ (2m)

(b) _____ (2m)

- End of Paper -

EXAM PAPER 2016 (P3)

SCHOOL : RIVER VALLEY

SUBJECT : MATHEMATICS

TERM : CA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	4	3	2	1	4	4	3	3

11) 3632

12) 135

13) 3107

14) 54

15) 8314

16) 9

17) 7

18) 711

19) 5981

20) a) $220 - 187 = 33$

b) $220 + 197 = 417$

$632 - 417 = 215$

21) a) $540 + 291 = 831$

b) $540 - 63 = 477$

22) a) $366 + 362 = 728$

b) $728 - 45 = 683$

$362 + 45 = 407$

$683 - 407 = 276$



Anglo-Chinese School (Primary)

PRACTICE PAPER / A1 2016
MATHEMATICS

PRIMARY THREE

Name: _____ ()

Class: Primary 3 _____

Date: _____

Duration of paper: 1h 15 min

Section A (10 × 2 marks each)

For each of the following questions, four options are given. Choose the correct option and shade its oval (1, 2, 3 or 4) in the Optical Answer Sheet provided.

1. In 8.059, the digit 5 is in the _____ place.

- (1) ones
- (2) tens
- (3) hundreds
- (4) thousands

2. How many hundreds are there in 6 100?

- (1) 6
- (2) 61
- (3) 610
- (4) 6 100

3. 488 is _____ less than 1 876.

- (1) 1 388
- (2) 1 418
- (3) 2 254
- (4) 2 364

4. What is the sum of 2 590 and 300?

- (1) 2 290
- (2) 2 560
- (3) 2 620
- (4) 2 890

5. 99 is _____ more than 7×9 .

- (1) 20
- (2) 36
- (3) 162
- (4) 178

6. Divide 934 by 6. The quotient is _____.

- (1) 159
- (2) 155
- (3) 6
- (4) 4

7. $324 \times 4 = \boxed{}$

- (1) 328
- (2) 1 286
- (3) 1 296
- (4) 3 244

8. Zed had some money. He bought a shirt at \$29.90 and a pair of shorts at \$40.50. He had \$8.50 left. How much money did he have at first?

- (1) \$61.90
- (2) \$70.40
- (3) \$77.90
- (4) \$78.90

9. Marie bought a notepad at \$2.80 and 2 pencils at \$1.65 each. If she gave the cashier \$10, how much change would Marie get?

- (1) \$3.90
- (2) \$5.55
- (3) \$4.45
- (4) \$6.10

10. 6 basketball teams took part in an inter-school competition. What is the total number of matches played if each team played against one another once?

- (1) 12
- (2) 15
- (3) 21
- (4) 36

SECTION B - Short Answers (38 Marks)

Questions 11 to 20 carry 1 mark each. Questions 21 to 34 carry 2 marks each. Show all workings clearly. Write your answer in the space provided. Give your answers in the units stated and in its simplest form whenever possible.

11. Write 5 048 in words

Answer : _____

12. Arrange the following numbers in descending order.

1 028, 2 801, 2 810, 1 820

Answer : _____
(greatest)

13. Complete the following number pattern.

335, 345, 365, _____, 435, 485, 545

Answer : _____

14. Using all the digits 2, 4, 7 and 9 only once, write the greatest possible 4-digit odd number.

Answer : _____

15. Shirley had 1 098 stickers left after giving 116 stickers to her friend. How many stickers did she have at first?

Answer : _____

16. $72 \div 9 = \boxed{?} \times 2$

What is the missing number in the box?

Answer : _____

17. Alice bought a few similar books which cost \$6 each at a bookshop. If she spent \$72 in all, how many books did Alice buy?

Answer : _____

18. A number is between 860 and 866. When the number is divided by 8, it has no remainder. What is the number?

Answer : _____

19. Tammie has 8 fifty-cent coins, 3 ten-cent coins and 7 five-cent coins. How much money does Tammie have in all?

Answer : \$ _____

20. Moses bought 7 iPads at \$798 each. How much did he spend altogether?

Answer : \$ _____

21. The shopkeeper bought 412 sweets. He packed all the sweets equally into packets of 8 each. How many sweets were left?

Answer : _____

22. The product of two numbers is 225. If one number is 5, what is the other number?

Answer : _____

23. There are 95 workers in a factory. There are 45 more women than men.
How many men are there?

Answer : _____

24. What number must be added to the difference between 6 013 and 5 879 to make 1 000?

Answer : _____

25. I am a 3 digit number.
The digit in the hundreds place is 2 more than the digit in the tens place.
The digit in the tens place is 7.
The digit in the ones place is 4 less than the digit in the tens place.
What number am I?

Answer : _____

26. Kieran has 28 marbles. He has 4 times as many marbles as Lucas. How many marbles do they have altogether?

Answer : _____

27. A beetle has 6 legs and a spider has 8 legs. If there are 7 beetles and 9 spiders, how many legs are there altogether?

Answer : _____

28. Find the total of all even numbers between 41 and 49.

Answer : _____

29. Anna had 350 more bookmarks than Aini. Anna then gave 35 bookmarks to Aini. How many more bookmarks did Anna have than Aini in the end?

Answer : _____

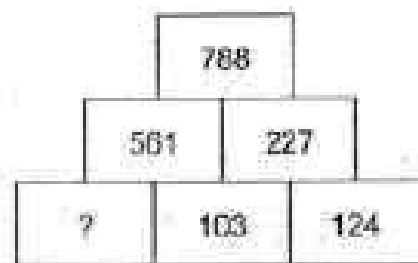
30. The table below shows the prices of some food sold at a school canteen.

Item	Price
Soup	\$1.40
Rice	\$1.60
Cake	\$1.80
Pasta	\$2.20

Leslie bought 2 different types of foods. He paid with a \$5 note and has \$1.20 left. What were the 2 types of food that Leslie had bought?

Answer : _____ and _____

31. What is the missing number?

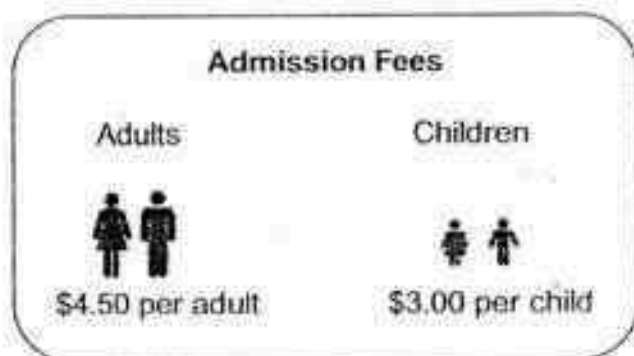


Answer : _____

32. Ahmad wants to buy 5 air tickets. Each air ticket costs \$637. If Ahmad has \$1 202 now, how much more money does he need?

Answer : \$ _____

33. The chart below shows the admission fees to the zoo. 30 children and 2 adults visited the zoo.



How much admission fees were paid in all?

Answer : \$ _____

34. Study the diagram below.

If $\text{Crescent} + \text{Circle} + \text{Circle} = 66$

and $\text{Crescent} + \text{Crescent} + \text{Circle} + \text{Circle} = 82$

Find $\text{Crescent} + \text{Crescent}$

Answer : _____

SECTION C - Problem Sums (22 Marks)

Questions 35 to 36 carry 3 marks each. Questions 37 to 40 carry 4 marks each. Show your working and mathematical statements clearly in the space below each question. Write your answer in the answer space provided. Express your answers in the units stated and in its simplest form whenever possible.

35. Joel had 2 005 stamps. Abdul had 948 less stamps than Joel. How many stamps did they have altogether?

Answer: _____ [3]

36. Mother baked 6 trays of cookies. There were 72 cookies in each tray.
She packed 9 cookies in each box.
How many boxes of cookies were there?

Answer: _____ [3]

37. A carpenter needs 8 pieces of wood to make a table. He has 192 pieces of wood.

(a) Using all the wood, how many tables can the carpenter make?

(b) 3 pieces of wood are needed to make a chair. How many pieces of wood does he need to make 258 chairs?

Answer: (a) _____ [2]

(b) _____ [2]

38. There were 3 095 adults at a carnival. There were 1 178 fewer boys than adults.

(a) How many boys were there?

(b) There were 532 more girls than boys. How many girls were there?

Answer: (a) _____ [2]

(b) _____ [2]

39. Mrs Lee bought 5 watermelons and 2 honeydews for \$55. If a honeydew costs \$3 more than a watermelon, find the cost of 2 watermelons.

Answer: _____ [4]

40. Some dots are used to make the following pattern.



?

Pattern 1

4 Dots

Pattern 2

7 Dots

Pattern 3

10 Dots

Complete the following table.

Pattern	Number of Dots
1	4
2	7
3	10
4	a) ?
8	b) ?

(c) Which pattern has 61 dots?

Answer: (a) [1]

(b) [1]

(c) [2]

YEAR : 2016
 LEVEL : PRIMARY 3
 SCHOOL : ANGLO-CHINESE
 SUBJECT : MATHEMATICS
 TERM : CA1

Booklet A & B

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	2	1	4	2	2	3	4	1	2

Q11 Five thousand and forty eight.

Q12 2810, 2801, 1820, 1028

Q13 395

Q14 9427

Q15 $1098 + 116 \Rightarrow 1214$

Q16 $72 \div 9 \Rightarrow 8$
 $8 + 2 \Rightarrow 4$

Q17 $72 \div 6 \Rightarrow 12$ books

Q18 864

Q19 \$4.65

Q20 $\$798 \times 7 \Rightarrow \5586

Q21 $412 \div 8 \Rightarrow 52R4$

Q22 $225 \div 5 \Rightarrow 45$

Q23 $95 - 45 \Rightarrow 50$
 $50 \div 2 \Rightarrow 25$ men

Q24 866

Q25 973

- Q26 $28 + 7 \Rightarrow 35$ marbles
- Q27 114 legs
- Q28 180
- Q29 $350 - 35 \rightarrow 315$
 $315 - 35 \Rightarrow 280$ bookmarks
- Q30 Rice and Pasta
- Q31 $561 - 103 \Rightarrow 458$
- Q32 $\$637 \times 5 \rightarrow \3185
 $\$3185 - \$1202 \Rightarrow \$1983$
- Q33 \$99.00
- Q34 32
- Q35 $2005 - 948 \rightarrow 1057$
 $2005 + 1057 \Rightarrow 3062$ stamps
- Q36 48 boxes
- Q37 (a) 24 tables
(b) $258 \times 3 \Rightarrow 774$ pieces
- Q38 (a) $3095 - 1178 \Rightarrow 1917$ boys
(b) $1917 + 532 \Rightarrow 2449$ girls
- Q39 $55 - 6 \rightarrow 49$
 $49 \div 7 \rightarrow 7$
 $7 \times 2 \Rightarrow \$14$
- Q40 (a) 13
(b) 25
(c) 20

End



NANYANG PRIMARY SCHOOL

**FIRST SEMESTRAL EXAMINATION
2016**

**PRIMARY 3
MATHEMATICS**

DURATION: 1 HOUR 45 MINUTES

Section A	/ 40
Section B	/ 40
Section C	/ 20

Total:	/ 100
---------------	--------------

Name: _____ ()

Class: Primary 3 ()

Date: _____

Any query on marks awarded should be raised by 18th May 2016. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.

Parent's Signature: _____

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.
ANSWER ALL QUESTIONS.**

Section A

Questions 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(Total: 40 marks)

1. There are _____ in 4420.

- | | | | |
|-----|---------------------|-----|--------------------|
| (1) | 44 hundreds 20 tens | (2) | 44 hundreds 2 tens |
| (3) | 4 hundreds 20 tens | (4) | 4 hundreds 2 tens |

2. 8009 is more than 7909.

- | | | | |
|-----|-----|-----|------|
| (1) | 1 | (2) | 10 |
| (3) | 100 | (4) | 1000 |

3. Form the smallest 4-digit odd number with the given digits below.

3	2	0	7	6
---	---	---	---	---

- | | | | |
|-----|------|-----|------|
| (1) | 2036 | (2) | 2037 |
| (3) | 2367 | (4) | 2376 |

4. What is the sum of 4162 and 2537?

- | | | | |
|-----|------|-----|------|
| (1) | 6689 | (2) | 6699 |
| (3) | 6709 | (4) | 6700 |

5. The product of 101 and 8 is _____.

- | | | | |
|-----|-----|-----|-----|
| (1) | 93 | (2) | 109 |
| (3) | 808 | (4) | 888 |

6. Rinda has 100 buttons.
Emily has 10 times as many buttons as Rinda.
How many buttons does Emily have?

(1)	10	(2)	90
(3)	110	(4)	1000

7. Twenty dollars and fifty cents is the same as _____ cents.

(1)	1205	(2)	1250
(3)	2005	(4)	2050

8. $5729 = 5000 + \boxed{} + 9$

What is the missing number?

(1)	72	(2)	700
(3)	720	(4)	7200

9. Ai Ling had 445 game coupons at first.
She won another 1220 game coupons.
How many game coupons did she have in the end?

(1)	567	(2)	775
(3)	1665	(4)	1674

10. Ben and Citra collected 2709 stamps altogether.
Ben collected 1467 stamps.
How many stamps did Citra collect?

(1)	1242	(2)	1342
(3)	1362	(4)	4176

11. There are 476 seats in a train.
How many seats are there in 7 such trains?

(1) 2832 (2) 2892
(3) 3292 (4) 3332

12. When a number is multiplied by 8, the product is 272.
What is the number?

(1) 34 (2) 264
(3) 280 (4) 2176

13. Elysha had 198 beads.
She bought another 96 beads.
She then packed all the beads equally into 6 boxes.
How many beads were there in each box?

(1) 17 (2) 49
(3) 294 (4) 1764

14. After spending on a badminton racket and 5 shuttlecocks, Linda had \$8.70 left.
How much did she have at first?



Badminton Racket
\$13.00



Shuttlecocks
5 for \$2.00

(1) \$6.30 (2) \$15.00
(3) \$23.70 (4) \$31.70

15. 38 pupils took part in a Mathematics competition. Prizes were given to pupils who scored 90 marks and above. How many pupils received prizes?

Scores	Numbers of pupils
80 to 84	11
85 to 89	12
90 to 94	?
95 to 100	

- (1) 6
(2) 9
(3) 15
(4) 23
16. Box A contains 2805 balls. Box B contains 1700 more balls than box A. How many balls are there altogether?
- (1) 1105
(2) 3910
(3) 4505
(4) 7310
17. Debby counted 2500 saga seeds in a jar. She removed 686 saga seeds from the jar. How many saga seeds were left in the jar?

- (1) 1814
(2) 1824
(3) 2814
(4) 2186
18. 2 similar books and 1 file cost \$70. The book cost thrice as much as the file. Find the cost of one book.

- (1) \$7
(2) \$10
(3) \$21
(4) \$30

19. The advertisement below shows the price of tickets to enter an amusement park.

sale
Price of Tickets

1 Adult- \$80
1 Child- \$40

**PROMOTION
PRICE**

Family Promotion
1 Adult & 1 Child
\$110



Mr Lee went to the amusement park with his wife and 4 children.
What is the least amount of money Mr Lee paid for all the tickets?

- | | |
|-----------|-----------|
| (1) \$190 | (2) \$220 |
| (3) \$300 | (4) \$320 |
20. There were some coins on the table.



Jack took some coins and put them in his empty wallet.
Which one of the following is not likely to be the amount of money in his wallet?

- | | |
|------------|------------|
| (1) \$1.20 | (2) \$2.90 |
| (3) \$3.10 | (4) \$3.50 |

Section B

Questions 21 to 40 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. Marks will be awarded for relevant number sentences. For questions which require units, give your answers in the units stated.

(Total: 40 marks)

21. Write the following in numerals.

(a)

Seven thousand, eight hundred and thirty-four

(b)

Four thousand and forty-four

22. Arrange the numbers below from the greatest to the smallest.

8890

8908

8809

8089

--

--

--

--

23. What is 100 more than 1995?

Answer : _____

24. Study the pattern below.

24, 32, 40, 48, _____, 64

What is the missing number?

Answer : _____

25. Find the value of 238×6 .

Answer : _____

26. Xiao Mei had 169 litres of milk.
She poured all the milk into 9-litre containers.
What was the smallest possible number of containers she had used?

Answer : _____

27. What is 2000 more than the sum of 4892 and 2984?

Answer : _____

28. Café A sold 2753 muffins.
Café B sold 531 fewer muffins than Café A.
How many muffins were sold by Café B?

Answer : _____

29. The difference between two numbers is 2445.
The greater number is 7058.
What is the smaller number?

Answer : _____

30. 2105 people went to a carnival in the morning.
1234 fewer people went in the afternoon than in the morning.
In the evening, the number of people who went there was 3 times
as many as those who went in the afternoon.
How many people went to the carnival in the evening?

Answer : _____

31. There are 3 cards as shown below.
Find the greatest product by using the cards below to form a 3-digit
number and multiply it by 9.



Answer : _____

32. Xiao Ming had 350 cookies.
He gave 6 cookies to each friend who attended his birthday party and
was left with 8 cookies.
How many friends were there at his birthday party?

Answer: _____

33. Ali bought 30 stickers.
Bala bought 8 times as many stickers as Ali.
Bala then gave all his stickers to his 5 friends equally.
How many stickers did each of his friends get?

Answer: _____

34. Charlotte had \$10.00.
She bought 2 muffins and 1 packet of orange juice.
How much money had she left?

 Orange Juice \$1.20 per packet	 Muffin \$1.50 each
--	--

Answer: \$ _____

35. Find the missing number in the number pattern below.

5090, _____, 4890, 4790, 4690, 4590

Answer : _____

36. Ella folded 3045 paper cranes.
She folded 1990 paper cranes more than Fabian.
Gina folded 150 paper cranes fewer than Fabian.
How many paper cranes did Gina fold?

Answer : _____

37. When 5 boys shared some marbles equally, each of them had 64 marbles.
When the marbles were shared equally with 2 more boys, how many marbles were left?

Answer : _____

38. Raja bought a shirt that cost \$39.50 and a pair of trousers that cost \$26.50.
He paid the cashier the exact amount with a fifty-dollar note and some two-dollar notes.
How many two-dollar notes did he use?

Answer : _____

39. Sue went to a Stationery Fair.
Pens were sold at \$0.50, \$1.50, \$2.50 and \$4.
She bought three pens for \$6.
What were the prices of the pens?

The prices of the pens were _____, _____ and _____.

40. There were some children in a room.
After 8 boys left the room and 15 girls entered the room, there were 51 children in the room.
How many children were there in the room at first?

Answer : _____

Section C

Questions 41 to 45 carry 4 marks each. Do these word problems carefully. Show your working clearly in the space provided below each question. Marks will be awarded to relevant number sentences and word statement.

(Total: 20 marks)

41. There are 6384 blue marbles and orange marbles altogether.
There are 2436 blue marbles.

(a) How many orange marbles are there?

(b) How many more orange marbles than blue marbles are there?

42. Mrs Tam gave \$347 to Amber, Benny and Carl.
Amber received 3 times as much money as Benny and Carl received \$150.
How much money did Amber receive?

43. Jenny's mother gave her \$2 to buy 2 pears.
Instead, Jenny bought 3 pears and received twenty cents as change.
How much change would Jenny receive if she had bought 2 pears?

44. Lucy bought 15 oranges and 10 apples on Sunday. Each day, she eats 2 oranges and 1 apple. She starts eating her fruits on Monday.

(a) At the end of which day will there be an equal number of oranges and apples?

Day	Sun	Mon	Tues	
Number of oranges	15			
Number of apples	10			

(b) How many more apples than oranges were there on Saturday?

45. Steven and Ting Ting shared 400 cubes equally.
After Steven gave away some cubes, Ting Ting has 8 times as many cubes as Steven.
How many cubes did Steven give away?

SmileTutor.sg

EXAM PAPER 2016

SCHOOL : NANYANG PRIMARY SCHOOL (PRIMARY)
SUBJECT : PRIMARY 3 MATHEMATICS
TERM : SA1 EXAMINATION

BOOKLET A

Q1	Q2	Q3	Q4	Q5
2	3	2	2	3
Q6	Q7	Q8	Q9	Q10
4	4	3	3	1
Q11	Q12	Q13	Q14	Q15
4	1	2	3	3
Q16	Q17	Q18	Q19	Q20
4	1	4	3	2

Q21(a) 7834

Q21(b) 4044

Q22 8908, 8890, 8809

Q23 2095

Q24 56

Q25 1428

Q26 19

Q27 9876

Q28 2222

Q29 4611

Q30 2613

Q31 6399

Q32 57

Q33 48

Q34 \$5.80

Q35 4990

Q36 905

Q37 5

Q38 8

Q39 \$0.50, \$1.50 and \$4.00

Q40 44

Q41(a) $6384 - 2436 = 3948$

There are 3948 orange marbles.

Q41(b) $3948 - 2436 = 1512$

There are 1512 more orange marbles than blue marbles.

Q42 $\$347 - \$159 = \$188$

$\$188 \div 4 = 47$

$\$47 \times 3 = \141

Amber received \$141

Q43 $\$2.00 - \$0.20 = \$1.80$

$\$1.80 \div 3 = \0.60

$\$0.60 \times 2 = \1.20

$\$2.00 - \$1.20 = \$0.80$

Jenny would have received \$0.80 change if she had bought 2 pears.

Q44 (a)

Day	Sun	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
Number of oranges	15	13	11	9	7	5	3	2
Number of apples	10	9	8	7	6	5	4	3

On Friday there will be equal number of oranges and apples.

Q44(b) $5 - 2 = 3$

$5 - 1 = 4$

$4 - 3 = 1$

There will be 1 more apple than oranges on Saturday.

Q45 $400 \div 2 = 200$

$200 \div 8 = 25$

$25 \times 7 = 175$

Steven gave away 175 cubes.



Rosyth School

First Semestral Assessment 2016

Mathematics

Primary 3



Name : _____

Class : Pr 3 - _____ Register No. : _____ Duration : 1 hr 45 min

Date : 10 May 2016 Parent's Signature : _____

Instructions to Pupils

1. Do not open this booklet until you are told to do so.
2. Follow all instructions carefully.
3. This paper consists of 3 parts – Sections A, B and C.
4. For questions 1 to 15 in Section A, shade the correct ovals on the Optical Answer Sheet (OAS).
5. ANSWER ALL THE QUESTIONS.

	Maximum Marks	Marks Obtained
Section A	25	
Section B	35	
Section C	20	
Total	80	

This paper consists of 18 printed pages altogether, including the cover page.

Section A (25 marks)

Questions 1 to 5 carry 1 mark each. Questions 6 to 15 carry 2 marks each.

For questions 1 to 15, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS) provided.

1. In 9456, the digit 4 stands for _____.

(1) 40

(2) 400

(3) 4000

(4) 4

2. Find the product of 6 and 9.

(1) 15

(2) 45

(3) 3

(4) 54

3. What is the quotient of 192 and 8?

(1) 24

(2) 184

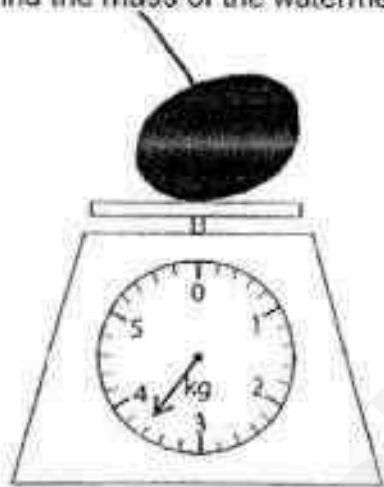
(3) 200

(4) 1536

4. The height of a door is about _____.

- (1) 1 m
- (2) 2 m
- (3) 10 cm
- (4) 20 cm

5. Find the mass of the watermelon.



- (1) 3 kg 30 g
- (2) 3 kg 300 g
- (3) 3 kg 60 g
- (4) 3 kg 600 g

6. _____ is 10 more than 3991.

- (1) 3981
- (2) 4001
- (3) 4091
- (4) 4991

7. 8 tens + 7 hundreds = _____

- (1) 708
- (2) 780
- (3) 807
- (4) 870

8. Find the difference between 5300 and 243.

- (1) 5057
- (2) 5067
- (3) 5143
- (4) 5543

9. The sum of two numbers is 4280. The greater number is 2279.
Find the smaller number.

- (1) 2001
- (2) 2019
- (3) 6459
- (4) 6559

10. Tricia had \$7. Her brother had 6 times as much as her. How much do they have altogether?

- (1) \$1
- (2) \$13
- (3) \$42
- (4) \$49

11. Ahmad collected 56 stamps. He collected 7 times as many stamps as Sandra. How many stamps did Sandra have?

- (1) 7
- (2) 8
- (3) 49
- (4) 392

12. Yi Kai has 8 boxes of donuts. There are 9 donuts in each box. He gave away 15 donuts. How many donuts has he left?

- (1) 17
- (2) 2
- (3) 57
- (4) 72

13. There are 72 children at a party. Mrs Tan gave 6 sweets to each child and had 4 sweets left. How many sweets did Mrs Tan have at first?

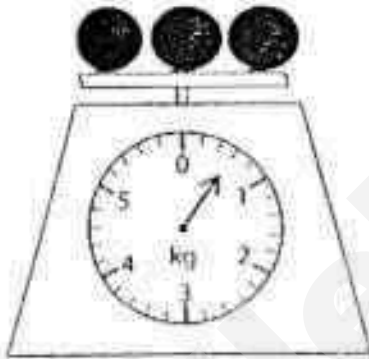
- (1) 12
- (2) 16
- (3) 428
- (4) 436

14. James ran 1540 m. Eric ran 490 m less than him.

How far did the two boys run altogether?

- (1) 1050 m
- (2) 2030 m
- (3) 2590 m
- (4) 3570 m

15. Amy placed some identical balls and a durian on the weighing scales as shown in the diagrams below. Find the mass of the durian.



- (1) 200 g
- (2) 400 g
- (3) 600 g
- (4) 800 g

Section B (35 marks)

Do not write
in this space

Questions 16 to 20 carry 1 mark each. Questions 21 to 35 carry 2 marks each.
Show your working clearly in the space below each question and write your
answer in the answer boxes provided. Give your answers in the units stated.

16. $3468 + 2152 =$ _____

Answer: _____

17. What is the value of 600×9 ?

Answer: _____

18. Express 4 kg 32 g in grams.

Answer: _____ g

19. Express 5396 mL in litres and millilitres.

Do not write
in this space

Answer: _____ mL

20. 3 km 90 m = _____ m

Answer: _____ m

21. What is the missing number in the box?

841, 941, , 1141, 1241

Answer: _____

22. 100 less than 8 thousands is _____

Do not write
in this space

Answer: _____

☐

23. The greatest even number that can be formed with all the digits
4, 9, 6 and 3 is _____

Answer: _____

☐

24. 54 more than 67 hundreds is _____

Answer: _____

☐

25. What must be added to 409 to make 1 000?

Do not write
in this space

Answer: _____

26. Find the difference between 5381 and 493.

Answer: _____

27. Find the product of 320 and 3.

Answer: _____

28. Find the value of $630 \div 7$.

Do not write
in this space

Answer: _____

29. $9 \times \boxed{?} = 639$

Find the missing number in the box.

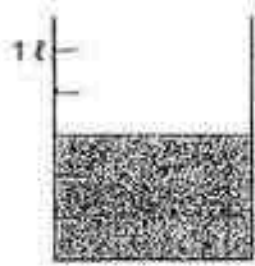
Answer: _____

30. Find the quotient and remainder when 388 is divided by 8.

Quotient: _____

Remainder: _____

31. The diagram below shows the amount of water in a beaker.



What is the volume of the water in the beaker?

Answer: _____ ml

Do not write
in this space

32. Peter and Sam have a total of 195 picture cards.
Sam has 4 times as many picture cards as Peter.
How many picture cards does Peter have?

Answer: _____

33. A fruit seller had 562 oranges.
He threw away 18 rotten oranges and packed the rest into equal packs of 8.
How many packs would he have?

Do not write
in this space

Answer: _____

34. Eric has 72 erasers.
He has 8 times as many erasers as Jane.
How many erasers do they have altogether?

Answer: _____

35. The mass of a box and a packet of sweets is 1380 g.
The mass of the same box and 2 similar packets of sweets is 2040 g.
What is the mass of 1 packet of sweets?

Answer: _____ g

Section C (20 marks)

Do not write
in this space

For questions 36 to 40, show your working and statements clearly in the space below each question and write your answers in the blanks provided. The marks for each question or part question are given in the brackets. Show your units clearly.

36. Mr Lim has 8 boxes of pens. There are 98 pens in each box.

He wants to put them into packs of 6.

- (a) How many packs of pens would he have?
- (b) How many pens would be left unpacked?

Answer: (a) _____ [3]

(b) _____ [1]



37. Mrs Tay sold 1285 apples on Monday.

She sold 478 more apples on Tuesday than on Monday.

She sold 329 fewer apples on Wednesday than on Tuesday.

How many apples did she sell on Wednesday?

Do not write
in this space

Answer: _____ [4]



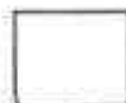
38. Jerry bought 4 packets of biscuits.

Katrine bought 2 times as many packets of biscuits as Jerry.

If each packet costs \$8, how much did Katrine spend on the biscuits?

Do not write
in this space

Answer: _____ [4]



39. Adrian has \$784.

He has 4 times as much as Billy.

Billy has \$24 less than Cayden.

How much money does Cayden have?

Do not write
in this space

Answer: _____ [4]

☐

40. Mdm Lim mixed some lemon juice with 3 times as much water to make some lemonade. She then poured the lemonade equally into 3 cups. Each cup contained 280 ml of lemonade. How much lemon juice did she use?

Do not write
in this space

Answer: _____ [4]

End of Paper

EXAM PAPER 2016 (P3)

SCHOOL : ROSYTH

SUBJECT : MATHEMATICS

TERM : 5A1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	4	1	2	4	2	2	1	1	4
Q11	Q12	Q13	Q14	Q15					
2	3	4	3	4					

16)5629

17)5400

18)4032

19)5L 396ml

20)3090m

21)1041

22)7900

23)9634

24)6754

25)1000 – 409 = 591

26)5381 – 493 = 4888

27)320 x 3 = 960

28)630 ÷ 7 = 90

29)639 ÷ 9 = 71

30)386 ÷ 8 = 48 R 2

31)600ml

32)195 ÷ 5 = 39

33) $562 - 18 = 544$

$544 \div 8 = 68$

34) $72 \div 8 = 9$

$72 \div 9 = 81$

35) $2040 - 1380 = 660\text{g}$

36) a) total no. of pens = $8 \times 98 = 784$

No. of books = $784 \div 6 = 130 \text{ R}4$

There would be 130 packs.

b) There were 4 pens unpacked

37) $1285 + 478 = 1763$

$1763 - 329 = 1434$

She sold 1434 apples on Wednesday.

38) $4 \times 2 = 8$

$8 \times 8 = \$64$

Katrine spent \$64 on the biscuits.

39) $784 \div 4 = 196$

$196 + 24 = \$220$

Cayden has \$220

40) $3 \times 280\text{ml} = 840\text{ml}$

$840\text{ml} \div 4 = 210\text{ml}$

She used 210ml of lemon juice.

3. Which of the following figures is $\frac{1}{3}$ shaded?



Figure A



Figure B

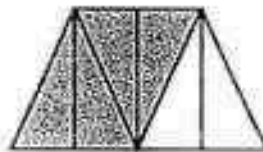


Figure C

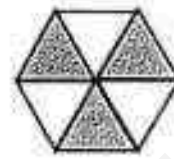


Figure D

- (1) Figure A (2) Figure B
(3) Figure C (4) Figure D ()

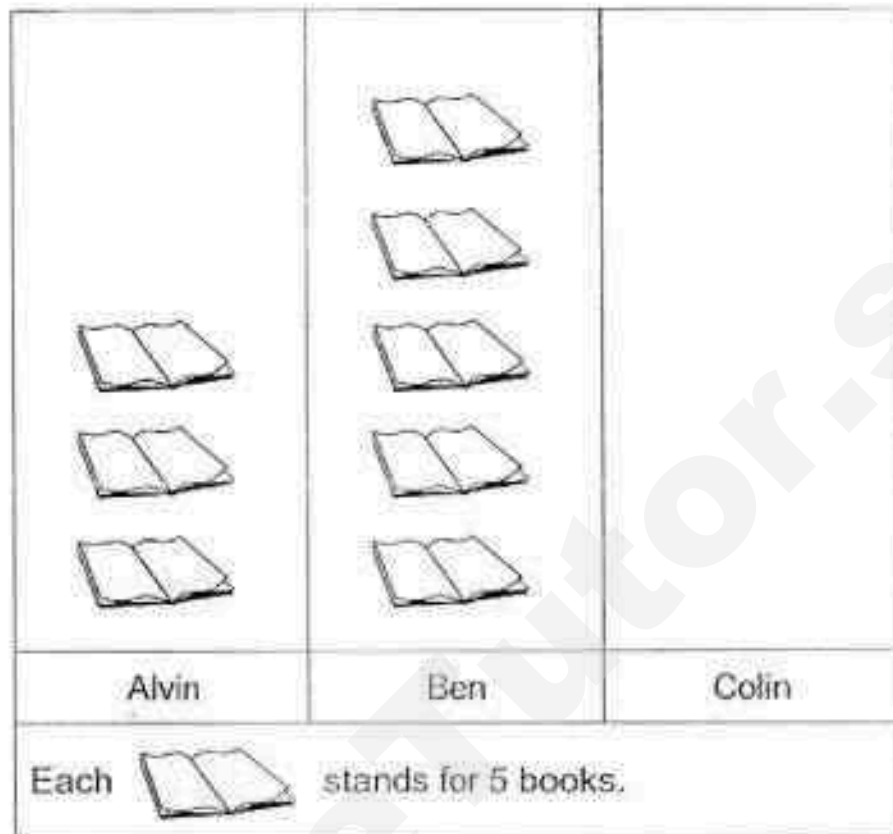
4. Oliver has 4 two-dollar notes and 5 fifty-cent coins. How much does he have?

- (1) \$6.50 (2) \$10.50
(3) \$11.50 (4) \$13.50 ()

5. There are 2456 boys in a school hall. There are 1278 more boys than girls. How many girls are there in the school hall?

- (1) 1178 (2) 1288
(3) 3724 (4) 3734 ()

6. The graph below shows the number of books read by Alvin and Ben last month.



Colin read three times as many books as Alvin last month.
How many books did the 3 boys read altogether last month?

- (1) 15 (2) 45
(3) 70 (4) 85

Section B

Do not write
in this space

Questions 7 to 16 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(10 marks)

7. Arrange the numbers in order, beginning with the smallest.

9867, 8976, 8796

(smallest)

8. What is the difference between 3797 and 789?

Answer : _____

9. What is the product of 245 and 6?

Answer : _____

SCORE

10. Find the remainder when 459 is divided by 7.

Answer : _____

11. Matthew bought an umbrella for \$18.95 and a school bag for \$22.40. How much did he pay for the two items?

Answer : \$ _____

12. What is the missing number in the box below?

$$\$1.55 + \$ \boxed{?} = \$10$$

Answer : \$ _____

13. What is the missing number in the box below?

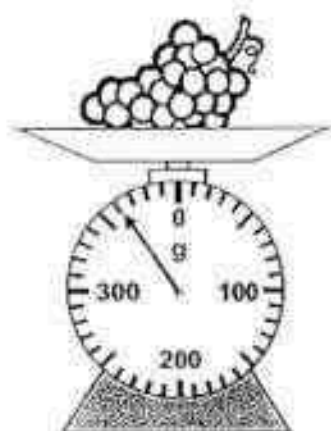
$$7 + 7 + 7 + 7 + 7 = \boxed{?} \times 7$$

Answer : _____

SCORE

14. The picture below shows the mass of a bunch of grapes on the weighing scale. What is the mass of the grapes?

Do not write
in this space



Answer : _____ g

15. Which fraction is the smallest?

$$\frac{8}{9}, \frac{5}{9}, \frac{7}{9}$$

Answer : _____

16. Find the value of $\frac{2}{7} + \frac{3}{7}$.

Answer : _____

SCORE

Questions 17 to 28 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (24 marks)

17. What is the missing number in the box below?

$$7000 - 6960 = \boxed{} \text{ tens}$$

Answer : _____

18. After spending \$22.75 on her books, Lindy had \$57.85 left. How much did she have at first?

Answer : \$ _____

19. There are 3875 adults at a zoo. There are 1956 fewer children than adults at the zoo. How many children are there at the zoo?

Answer : _____

SCORE

20. What is the missing number in the box?

Do not write
in this space

$$84 \times 8 = \boxed{?} \times 3$$

Answer : _____

21. Su Ming packed 342 apples equally into some boxes. She put 9 apples into each box. How many boxes did she use?

Answer : _____

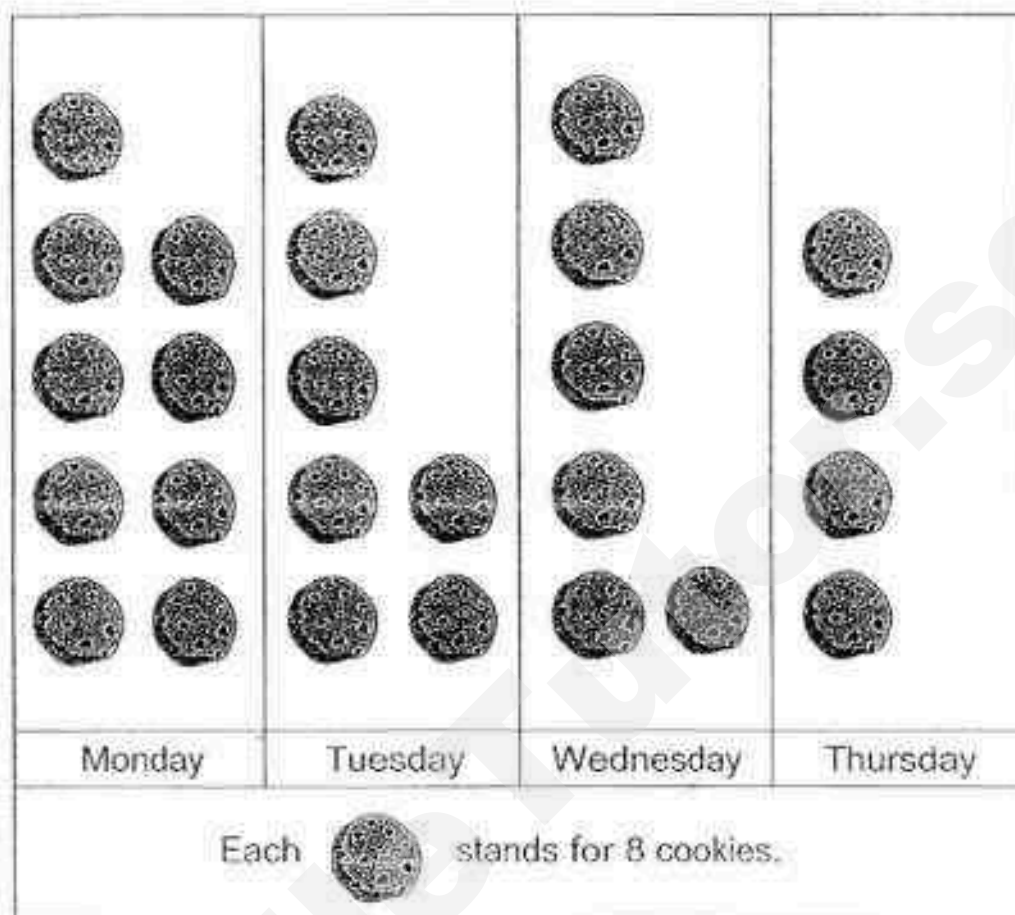
22. Daniel baked 765 chicken pies and 924 tuna pies. He sold some pies and had 459 pies left. How many pies did he sell?

Answer : _____

SCORE

23. The graph below shows the number of cookies sold by John over 4 days.

Do not write
in this space

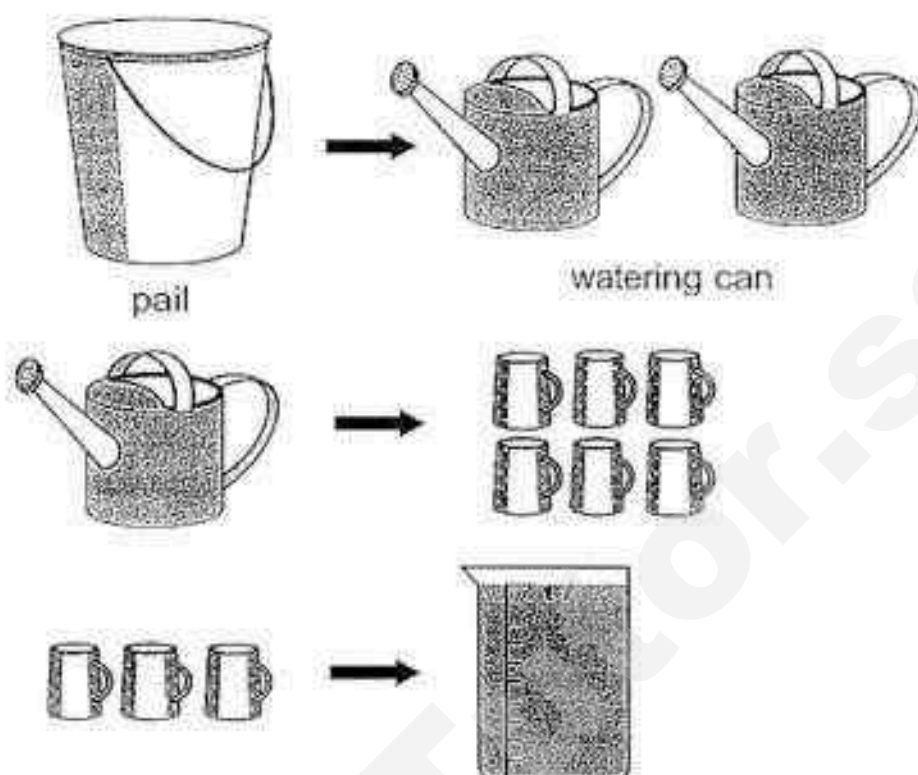


John collected \$2 from each cookie sold.
How much did he collect over the 4 days?

Answer : \$ _____

SCORE

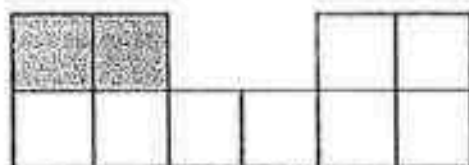
24. Study the diagrams below.



How many litres of water are needed to fill an empty pail completely?

Answer : _____ l

25. The figure is made up of 10 identical squares. How many **more** squares should be shaded so that $\frac{7}{10}$ of the figure is shaded?



Answer : _____

SCORE

26. Mrs Tong is 5 times as old as Kaylee. Their total age is 54 years old. How old is Mrs Tong?

Do not write
in this space

Answer : _____ years old

27. The clock below showed the time when Wendy started doing her homework. She took 1 h 30 min to complete her homework. What time did she complete her homework?



Answer : _____ p.m

28. Mrs Ramli bought a roll of ribbon 824 cm long. She cut it into an equal number of 3-cm and 5-cm strips. How many 3-cm strips did she get?

Answer : _____

SCORE

Section C

For questions 29 to 32, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question.
(14 marks)

29. Mr Ahmad bought some sweets for a party. He packed the sweets into 80 bags of 8 sweets each and had 5 sweets left. How many sweets did Mr Ahmad buy?

Answer : _____ [3]

SCORE

Do not write
in this space

30. There are 634 people in Train A. There are twice as many people in Train B as in Train A. There are half as many people in Train C as in Train A.

- (a) How many people are there in Train B?
- (b) How many people are there in the 3 trains altogether?

Answer : (a) _____ [2]

(b) _____ [2]

SCORE

31. Rani has \$456. Brenda has \$528. How much money must Brenda give to Rani so that both of them will have the same amount of money?

Do not write
in this space

Answer : _____ [3]

SCORE

32. Wei Hua has 6 marbles fewer than Aisha but 14 marbles more than Raj. The three children have 145 marbles altogether.

- (a) How many marbles does Raj have?
- (b) How many marbles does Aisha have?

Answer : (a) _____ [2]

(b) _____ [2]

End of Paper

Set by : Mdm Bu Shin Yunn, Mr Gabriel Teo and Mrs Foo Ee Ling

EXAM PAPER 2016 (P3)

SCHOOL : PEI CHUN

SUBJECT : MATHEMATICS

TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6
3	2	1	2	1	4

7)8796, 8976, 9867 8)3008 9)1470 10)4 11)\$41.35

12)\$8.45 13)5 14)360g 15)5/9 16)5/7 17)4

18)\$80.60 19)1919 20)224 21)38 22)1230

23)\$416 24)4 L 25)5 26)4 27)4.05 p.m.

28) $3 + 5 = 8$

$$824 \div 8 = 103$$

29)Number of sweets $\rightarrow 80 \times 8 + 5 = 645$

30)a)Train C $\rightarrow 634 \div 2 = 317$

$$\text{Train R} \rightarrow 4 \times 317 = 1268$$

b)Altogether $\rightarrow 7 \times 317 = 2219$

31) total money $\rightarrow \$528 + \$456 = \$984$

1 unit $\rightarrow \$984 \div 2 = \492

Give $\rightarrow \$492 - \$456 = \$36$

32)a) 3 unit $\rightarrow 145 - 14 - 14 - 6 = 111$

Raj $\rightarrow 111 \div 3 = 37$

b) Aisha $\rightarrow 37 + 14 + 6 = 57$

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



MID-YEAR EXAMINATION 2016 PRIMARY 3 MATHEMATICS

(BOOKLET A)

Total Time

Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ ()

Class: Primary 3. _____

Date: 10 May 2016

This booklet consists of 5 printed pages including this page.

Section A

Questions 1 to 4 carry 1 mark each.

Questions 5 to 16 carry 2 marks each.

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet. (28 marks)

1 In the number 1 209, the value of the digit 2 is _____.

- (1) 2
- (2) 20
- (3) 200
- (4) 2000

2 $3\ 700 =$ _____ hundreds
What is the missing number?

- (1) 7
- (2) 37
- (3) 370
- (4) 3700

3 What is the value of 19 hundreds, 17 tens and 6 ones?

- (1) 42
- (2) 420
- (3) 1923
- (4) 2076

4 8 019, 8 100, 8 181, _____, 8 343
What is the missing number?

- (1) 8 191
- (2) 8 200
- (3) 8 262
- (4) 8 300

(Go on to the next page)

5 What number must be added to 3546 to get 5650?

- (1) 2104
- (2) 5104
- (3) 6196
- (4) 9196

6 $8 \times 7 = 14 + 4 \times 7 + \square \times 7$
What is the missing number in the box?

- (1) 2
- (2) 4
- (3) 6
- (4) 8

7 $100 - 19 = \square \times 9$
What is the missing number?

- (1) 9
- (2) 10
- (3) 81
- (4) 729

8 Divide 52 by 6. What is the remainder?

- (1) 1
- (2) 2
- (3) 3
- (4) 4

9 Mrs Wong has 9 pizzas. She cuts each pizza into 8 equal slices. How many slices of pizza does she have altogether?

- (1) 8
- (2) 17
- (3) 72
- (4) 81

(Go on to the next page)

- 10 Mrs Tan gave 32 pencils to a class of 8 pupils equally. How many pencils did each pupil receive?

(1) 4
(2) 24
(3) 40
(4) 256

- 11 Miss Ng has 875 sweets and 65 chocolates. Miss Lee has two times as many sweets and chocolates as Miss Ng. How many sweets and chocolates does Miss Lee have?

(1) 940
(2) 1750
(3) 1815
(4) 1880

- 12 Alice has 1 fifty-cent coin, 3 twenty-cent coins and 3 five-cent coins in her piggy bank. How much money does she have altogether?

(1) \$0.75
(2) \$1.25
(3) \$3.50
(4) \$5.05

- 13 $\div 7 = 126$

What is the missing number in the box?

(1) 18
(2) 119
(3) 133
(4) 882

(Go on to the next page)

- 14 Shu Min wanted to buy a doll that cost \$9.85. However, she only had \$6.95. How much more money did she need to buy the doll?

- (1) \$2.90
- (2) \$3.10
- (3) \$9.85
- (4) \$16.80

- 15 How many 20-cent coins are there in \$6?

- (1) 5
- (2) 20
- (3) 26
- (4) 30

- 16 Meiling has \$187. Shirley has three times as much money as Meiling. How much more money does Shirley have than Meiling?

- (1) \$187
- (2) \$374
- (3) \$561
- (4) \$748

Go on to Booklet B

(Go on to the next page)

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



MID-YEAR EXAMINATION 2016 PRIMARY 3 MATHEMATICS

(BOOKLET B)

Total Time

Sections A to C: 1 hour 45 minutes

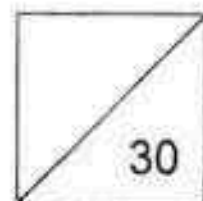
INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ ()

Class: Primary 3. _____

Date: 10 May 2016



This booklet consists of 7 printed pages including this page.

Section B

Questions 17 to 22 carry 1 mark each.

Questions 23 to 34 carry 2 marks each.

Write your answers in the spaces provided.

For questions which require units, give your answers in the units stated. (30 marks)

- 17 Write 5 894 in words.

18

0

2

1

1

Use the given digits to form the smallest 4-digit odd number.

Ans: _____

- 19 $7526 + \boxed{} = 8134$

What is the missing number?

Ans: _____

(Go on to the next page)

- 20 $1\,243 = 1\text{ thousand} + \boxed{} \text{ tens} + 3\text{ ones}$

What is the missing number in the box?

Ans: _____

- 21 675 is 125 more than $\boxed{}$
What is the missing number in the box?

Ans: _____

- 22 Complete the number pattern below.

409	510	$\boxed{}$	712	$\boxed{}$	914
-----	-----	-------------------------	-----	-------------------------	-----

Ans: _____

(Go on to the next page)

- 23 Divide 727 by 9. What is the remainder?

Ans: _____

- 24 Subtract 5 twenty-cents from \$5.

Ans: \$ _____

- 25 One box could hold 8 cupcakes. Aunt Mary packed all the cupcakes into the boxes. What was the least number of boxes she needed to hold 322 cupcakes?

Ans: _____

(Go on to the next page)

- 26 Samantha spends \$105 of her pocket money each week. She spends an equal amount of money every day. How much does she spend each day? (1 week = 7 days)

Ans: \$ _____

- 27 Mrs Tay bought some groceries. She gave the cashier \$100 and received \$32.65 as change. How much did she spend on her groceries?

Ans: \$ _____

28 $\star + \star + \star + \star = 24$

$\triangle \times \triangle = 49$

What is $\star \times \triangle = ?$

Ans: _____

(Go on to the next page)

- 29 Qi Wei spent \$15.90 on food, \$4.20 on drink and had \$5 left. How much did Qi Wei have at first?

Ans: \$ _____

- 30 Tim has \$25.80. He has \$3.60 more than Kenny. How much do they have altogether?

Ans: \$ _____

- 31 Faith had 190 stamps. She gave her brother 66 stamps. She put the rest into 4 envelopes. How many stamps were there in each envelope?

Ans: _____

(Go on to the next page)

- 32 Tom and Pete saved a total of \$88.80. If Tom saved \$24.40 more than Pete, how much money did Pete save?

Ans: \$ _____

- 33 Some markers were shared equally among 6 teachers. Each of them received 12 markers. 3 more teachers joined the school and the markers are redistributed. How many markers will each of them receive?

Ans: _____

- 34 There are 20 red and 30 blue balls in a box. There are 6 such boxes. How many more blue balls than red balls are there in all?

Go on to Booklet C

(Go on to the next page)

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



MID-YEAR EXAMINATION 2016 PRIMARY 3 MATHEMATICS

(BOOKLET C)

Total Time

Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ ()

Class: Primary 3. _____

Date: 10 May 2016

Booklet A	/ 28
Booklet B	/ 30
Booklet C	/ 22
TOTAL	/ 80

Parent's Signature: _____

This booklet consists of 7 printed pages including this page

Section C

For questions 35 to 40, show your working clearly and write your answers in the space provided. The number of marks available is shown in brackets [] at the end of each question or part-question. (22 marks)

- 35 Derek has \$150 and Ahmad has \$38.

How much money must Derek give to Ahmad so that they will have the same amount of money?

Ans: _____ [3]

(Go on to the next page)

- 36 Mr Wong had 10 balloons in each bag. He had a total of 15 bags. He gave each child 3 balloons at a birthday party. How many children were there at the birthday party?

Ans: _____ [3]

(Go on to the next page)

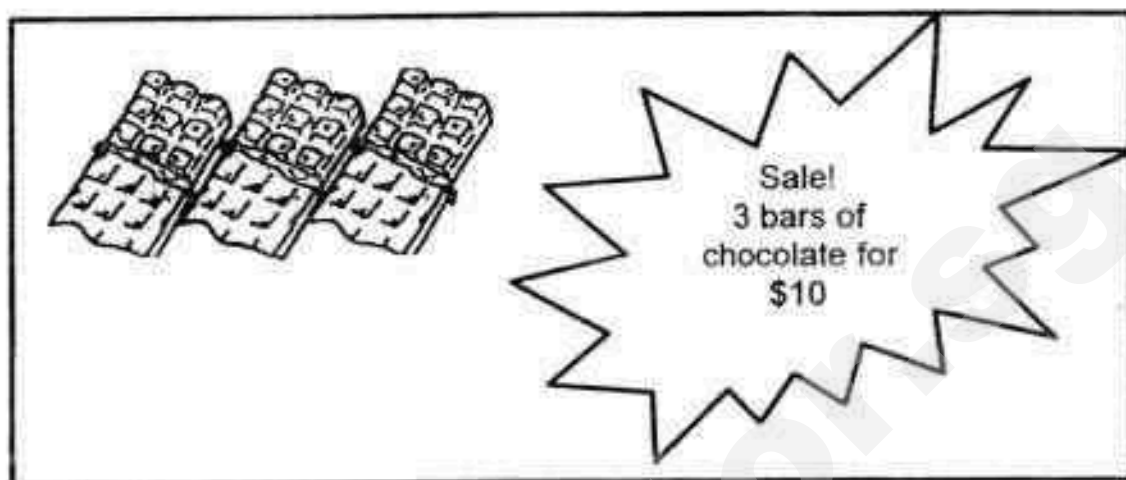
37. Ali has \$28.50. He has \$10.80 more than Siti. Siti has \$31.40 less than Raj.
- How much money does Raj have?
 - How much money do they have altogether?

Ans (a) _____ [2]

(b) _____ [2]

(Go on to the next page)

- 38 The poster below was an advertisement put up at a supermarket.



- (a) Kimi bought 42 bars of chocolate. How much did she pay for them?
- (b) Kimi was given another \$50 to buy the chocolate bars for her class party. How many more chocolate bars could she get with the money given?

Ans: (a) _____ [2]

(b) _____ [2]

(Go on to the next page)

- 39 Kim opened her book and saw two consecutive page numbers. The sum of the two numbers can be divided by 7. Both page numbers are more than 10 but less than 30. The bigger number can be divided by 5. What are the two page numbers?

Ans: _____ [4]

(Go on to the next page)

- 40 Jane had 128 cherries. She used 12 cherries to decorate a cake. After decorating 5 identical cakes, she had enough cherries to decorate another 5 more such cakes. How many cherries had Jane left after decorating all the cakes?

Ans: _____ [4]

End of Paper

(Go on to the next page)

YEAR : 2016
 LEVEL : PRIMARY 3
 SCHOOL : METHODIST GIRLS'
 SUBJECT : MATHEMATICS
 TERM : SA1

Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
3	2	4	3	1	1	1	4
Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16
3	1	4	2	4	1	4	2

Booklet B

Q17 Five thousand eight hundred and ninety four.

Q18 1021

Q19 608

Q20 24

Q21 550

Q22 409 510 611 712 813 914

Q23 7

Q24 \$3.80

Q25 41 boxes

Q26 $\$105 \div 7 \Rightarrow \15

Q27 $\$100 - \$32.65 \Rightarrow \$67.35$

Q28 $6 + 6 + 6 + 6 = 24$
 $7 \times 7 = 49$
 $6 \times 7 \Rightarrow 42$

Q29 $\$15.90 + \$4.20 \rightarrow \$20.10$
 $\$20.10 + \$5 \Rightarrow \$25.10$

Q30 Tim \rightarrow \$25.80
Kenny \rightarrow \$25.80 - \$3.60 = \$22.20
Both Tim & Kenny \rightarrow \$22.20 + \$25.80 \Rightarrow \$48

Q31 190 - 66 \rightarrow 124
124 \div 4 \Rightarrow 31 stamps

Q32 \$88.80 - \$24.40 \rightarrow \$64.40
\$64.40 \div 2 \Rightarrow \$32.20

Q33 12 \times 6 \rightarrow 72
72 \div 9 \Rightarrow 8 markers

Q34 20 \times 6 \rightarrow 120
30 \times 6 \rightarrow 180
180 - 120 \Rightarrow 60 more blue balls

Booklet C

Q35 \$150 - \$38 \rightarrow \$112
\$112 \div 2 \Rightarrow \$56

Q36 15 \times 10 \rightarrow 150
150 \div 3 \Rightarrow 50 children

Q37 (a) \$28.50 - \$10.80 \rightarrow \$17.70
\$17.70 + \$31.40 \Rightarrow \$49.10

(b) \$49.10 + \$17.70 \rightarrow \$66.80
\$66.80 + \$28.50 \Rightarrow \$95.30

Q38 (a) 42 \div 3 \rightarrow 14
14 \times 10 \Rightarrow \$140

(b) 50 \div 10 \rightarrow 5
5 \times 3 \Rightarrow 15 chocolate bars

Q39 The two page numbers are 25 and 24.

Q40 12 \times 10 \rightarrow 120
128 - 120 \Rightarrow 8 cherries

End



Anglo-Chinese School (Primary)

**MID-YEAR EXAMINATION 2016
MATHEMATICS
BOOKLET A
PRIMARY THREE**

Name: _____ () Class: Primary 3 _____

Date: 6 May 2016

Duration of Booklets A & B: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 4 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Shade your answers on the Optical Answer Sheet (OAS) provided.

Section A (10 x 2 marks each)

For each of the following questions, four options are given. Choose the correct option and shade its oval (1, 2, 3 or 4) in the Optical Answer Sheet provided.

1. In 1 687, which digit is in the hundreds place?

- (1) 1
- (2) 6
- (3) 7
- (4) 8

2. 5 thousands, 4 tens and 25 ones is the same as _____.

- (1) 5 425
- (2) 5 290
- (3) 5 254
- (4) 5 065

3. What is 10 less than 1 200?

- (1) 1 090
- (2) 1 100
- (3) 1 190
- (4) 1 210

4. Find the sum of 250 and 5 590.

- (1) 5 840
- (2) 5 740
- (3) 5 615
- (4) 5 340

5. $49 \div 7$ is the same as $7 \times$?

- (1) 7
- (2) 8
- (3) 42
- (4) 56

6. Divide 705 by 9. The remainder is _____.

- (1) 78
- (2) 70
- (3) 3
- (4) 7

7. Jerry collected \$9 each from 42 people. How much money did he collect altogether?

- (1) 41
- (2) 51
- (3) 368
- (4) 378

8. Celeste bought a dress for \$63.85 and paid the cashier \$100. How much change did she receive?

- (1) \$27.70
- (2) \$36.15
- (3) \$62.85
- (4) \$163.85

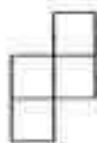
9. Ali bought 709 marbles and Donald bought 55 more marbles than Ali. How many marbles did Donald buy?

- (1) 764
- (2) 754
- (3) 659
- (4) 654

10. Some squares are used to make the following pattern.



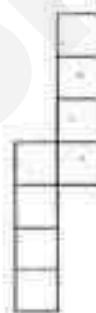
Pattern 1
2 squares



Pattern 2
4 squares



Pattern 3
6 squares



Pattern 4
8 squares

?

Pattern 7
? squares

How many squares are there in Pattern 7?

- (1) 9
- (2) 12
- (3) 14
- (4) 16



Anglo-Chinese School (Primary)

MID-YEAR EXAMINATION 2016
MATHEMATICS
BOOKLET B
PRIMARY THREE

Name: _____ () Class: Primary 3 _____

Date: 6 May 2016 Duration of Booklets A & B: 1 hour 45 minutes

Parent's/Guardian's signature _____

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 15 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.

Section	Maximum Marks	Marks Obtained
A. Multiple-Choice Questions	20	
B. Short Answers	38	
C. Problem Sums	22	
Total Marks	80	

SECTION B - Short Answers (38 Marks)

Questions 11 to 20 carry 1 mark each. Questions 21 to 34 carry 2 marks each. Show all workings clearly. Write your answer in the space provided. Give your answers in the units stated and in its simplest form whenever possible.

11. Write 3 712 in words.

Answer : _____

12. Arrange the following numbers in ascending order.

2 036 , 3 602 , 3 206 , 2 360

Answer : _____ (greatest)

13. Complete the following number pattern.

469 , 479 , 499 , 509 , _____ , 539 , 559 , 569

Answer : _____

14. Using all the digits 4, 3, 7 and 8 only once, write the smallest possible 4-digit odd number.

Answer : _____

15. Write 2 005 ¢ in dollars and cents.

Answer : \$ _____

16. Devi bought 6 sunflowers at \$6 each. How much did she pay for all the sunflowers?

Answer : \$ _____

17. Mrs Lee gave 24 sweets equally to 4 girls. How many sweets did each girl receive?

Answer : _____

18. Find the product of 8 and 308.

Answer : _____

19. Thomas spent \$8.75 on a burger and \$4.35 on a drink for lunch. How much did he spend on his lunch?

Answer : \$ _____

20. What is the missing digit in the box?

$$\begin{array}{r} 3 \ 1 \ 5 \ 3 \\ + \quad 9 \ 4 \ 8 \\ \hline 4 \ \boxed{?} \ 0 \ 1 \\ \hline \end{array}$$

Answer : _____

21. Look at all the 4-digit numbers listed below.
Find the difference between the greatest number and the smallest number.

3 047 6 142 2 001 1 990 4 279

Answer : _____

22. A baker baked 1 280 cupcakes. He sold 705 of the cupcakes. How many cupcakes were left?

Answer : _____

23. 125 boys took part in a competition. There were 37 fewer boys than girls in the competition. How many girls took part in the competition?

Answer: _____

24. The sum of 2 numbers is 6 783.
The greater number is 3 954, what is the smaller number?

Answer: _____

25. Bernard had \$17.35. He wanted to buy a board game that costs \$30.95. How much more money would he need to buy the board game?

Answer: \$ _____

26. There were 3 fishballs in a stick. After Mrs Sim made 9 sticks of fishballs, she had 2 fishballs left. How many fishballs did Mrs Sim have altogether?

Answer : _____

27. A fisherman caught 1 435 prawns and 267 squids. How many more prawns than squids did he catch?

Answer : _____

28. Dennis bought 10 black pens and 8 green pens. He packed all the pens equally into 3 bags. How many pens were there in each bag?

Answer : _____

29. Aunt May made 900 curry puffs. She packed 8 curry puffs in each packet. How many curry puffs were left over?

Answer : _____

30. Mikel had \$40.15 left after buying a toy train.
How much did he have at first?



Answer : \$ _____

31. The fruit seller had 189 bags of mangoes. There were 8 mangoes in each bag.
How many mangoes did the fruit seller have?

Answer : _____

32. During a meeting, 5 men shook hands only once with each other. How many times did they shake hands?

Answer : _____

33. 511 biscuits were shared among some children. If each child receives 7 biscuits, how many children were there?

Answer : _____

34. Study the diagram below.

$$\heartsuit + \heartsuit = 58$$

$$\text{and } \heartsuit + \heartsuit + \diamond + \diamond + \diamond + \diamond = 94$$

Find \diamond

Answer : _____

SECTION C - Problem Sums (22 Marks)

Questions 35 to 36 carry 3 marks each. Questions 37 to 40 carry 4 marks each. Show your working and mathematical statements clearly in the space below each question. Write your answer in the answer space provided. Express your answers in the units stated and in its simplest form whenever possible.

35. Mr Lim had 1 340 bottles of mineral water. He bought another 652 bottles of mineral water. After selling some bottles, Mr Lim had 845 bottles of mineral water left. How many bottles of mineral water did Mr Lim sell?

Answer: _____ [3]

36. There are 425 passengers. There are 9 buses to send them to the airport. Each bus can seat 45 passengers. How many passengers will not have a seat?

Answer: _____ [3]

37. Cathy, Doris and Ella have some beads. Cathy has 2 285 beads and Doris has 725 beads.

(a) How many beads do Cathy and Doris have?

(b) The total number of beads that Cathy and Ella have is 2 653. How many beads does Ella have?

Answer: (a) _____ [2]

(b) _____ [2]

38. Every week, Junhao received \$31.90 from his mother. This week, he saved \$18.55 and spent the rest.

(a) How much did he spend this week?

(b) If he saved \$6.80 more last week than this week, how much did he save last week?

Answer: (a) _____ [2]

(b) _____ [2]

39. Charlie had 432 jelly beans. Charlie had twice as many jelly beans as Darryl.

(a) How many jelly beans did Darryl have?

(b) If Eve had 4 times as many jelly beans as Charlie, how many jelly beans did Eve have?

Answer: (a) _____ [2]

(b) _____ [2]

40. A swordfish costs \$3 and a goldfish costs \$5. Mr Yu spent \$62 on 16 fishes. How many swordfishes did he buy?

Answer: _____ [4]

YEAR : 2016
 LEVEL : PRIMARY 3
 SCHOOL : ANGLO-CHINESE
 SUBJECT : MATHEMATICS
 TERM : SA1

Booklet A & B

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	4	3	1	2	3	4	2	1	3

Q11 Three thousand seven hundred and twelve.

Q12 2036, 2360, 3206, 3602

Q13 529

Q14 3487

Q15 \$20.05

Q16 $6 \times 6 \Rightarrow \$36$

Q17 $24 \div 4 \Rightarrow 6$ sweets

Q18 $308 \times 8 \Rightarrow 2464$

Q19 $\$8.75 + \$4.35 \Rightarrow \$13.10$

Q20 1

Q21 $6142 - 1990 \Rightarrow 4152$

Q22 $1280 - 705 \Rightarrow 575$ cupcakes

Q23 $126 + 37 \Rightarrow 163$ girls

Q24 $6783 - 3954 \Rightarrow 2829$

Q25 $\$30.95 - \$17.35 \Rightarrow \$13.60$

- Q26 $9 \times 3 \rightarrow 27$
 $27 + 2 \Rightarrow 29$ fishballs
- Q27 $1435 - 267 \Rightarrow 1168$ prawns
- Q28 $10 + 8 \rightarrow 18$
 $18 \div 3 \Rightarrow 6$ pens
- Q29 $900 \div 8 \rightarrow 112R4 \Rightarrow 4$ curry puffs
- Q30 $\$40.15 + \$19.50 \Rightarrow \$59.65$
- Q31 $189 \times 6 \Rightarrow 1134$ mangoes
- Q32 $4 + 3 + 2 + 1 \Rightarrow 10$
- Q33 $511 \div 7 \Rightarrow 73$ children
- Q34 $36 \div 4 \Rightarrow 9$
- Q35 1147 bottles
- Q36 $45 \times 9 \rightarrow 405$
 $425 - 405 \Rightarrow 20$ passengers
- Q37 (a) $2285 + 725 \Rightarrow 3010$ beads
(b) $2653 - 2285 \Rightarrow 368$ beads
- Q38 (a) $\$31.90 - \$18.55 \Rightarrow \$13.35$
(b) $\$18.55 + \$6.80 \Rightarrow \$25.35$
- Q39 (a) $432 \div 2 \Rightarrow 216$ jelly beans
(b) $432 \times 4 \Rightarrow 1728$ jelly beans
- Q40 9

End



NAN HUA PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 1 – 2016
PRIMARY THREE
MATHEMATICS

Duration: 1 h 45 min

INSTRUCTIONS TO CANDIDATES

1. Write your name, register number and class in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Shade your answers in the Optical Answer Sheet (OAS) provided for Questions 1 - 15.

Marks Obtained

Section A		/ 30
Section B		/ 30
Section C		/ 20
		/ 80

Name : _____ ()

Class : Pr 3 _____

Date : 9 May 2016

Parent's Signature : _____

Section A : Multiple-Choice Questions (30 marks)

Questions 1 to 15 carry 2 marks each. For each question, four options are given. Only one of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade the correct oval on the Optical Answer Sheet (OAS).

1. What is 4 thousands 6 hundreds and 2 ones as a numeral?

- (1) 4 026
- (2) 4 062
- (3) 4 602
- (4) 4 620

()

2. What is the value of the digit '5' in 8 513?

- (1) 5
- (2) 50
- (3) 500
- (4) 5000

()

3. What is the difference between 1 051 and 3 143?

- (1) 4 194
- (2) 2 092
- (3) 2 112
- (4) 2 192

()

4. 10 tens less than 4 327 is _____

- (1) 4 227
- (2) 4 317
- (3) 4 337
- (4) 4 427

()

5. The digit '2' in 4 279 is in the _____ place.

- (1) ones
- (2) tens
- (3) hundreds
- (4) thousands

()

6. Forty dollars and fifteen cents is the same as _____.

- (1) \$14.15
- (2) \$14.50
- (3) \$40.15
- (4) \$40.50

()

7. 6×7 is the same as _____.

- (1) $6 + 6 + 6 + 6 + 6 + 6$
- (2) $7 + 7 + 7 + 7 + 7 + 7$
- (3) $6 \times 6 \times 6 \times 6 \times 6 \times 6$
- (4) $7 \times 7 \times 7 \times 7 \times 7 \times 7$

()

8. 30 beads are needed to make 1 necklace. How many beads are needed to make 3 such necklaces?

- (1) 10
- (2) 27
- (3) 33
- (4) 90

()

9. Ali had some marbles. After giving 8 of his friends 14 marbles each, he had 12 marbles left. How many marbles did Ali have at first?

- (1) 100
- (2) 112
- (3) 124
- (4) 176

()

10. What is the product of 124 and 4?

- (1) 31
- (2) 120
- (3) 128
- (4) 496

()

11. There were 2 871 adults at a carnival. There were 1 322 fewer adults than children. How many children were there at the carnival?

- (1) 1 549
- (2) 1 551
- (3) 3 193
- (4) 4 193

()

12. The sum of 2 numbers is 36. The greater number is twice the smaller number. What is the smaller number?

- (1) 12
- (2) 18
- (3) 24
- (4) 72

()

13. There are 41 children at a game carnival. They are being grouped to form a complete team of 7 players. How many children will not be able to form a complete team?

- (1) 1
- (2) 5
- (3) 6
- (4) 4

()

14. Miranda and Neesha had 346 beads altogether. Miranda had 66 beads more than Neesha. How many beads did Neesha have?

- (1) 107
- (2) 140
- (3) 206
- (4) 280

()

15. Nick and Alex shared \$60 equally between themselves.
How much money must Nick give to Alex so that Alex would have 3 times as much money as Nick?

- (1) \$10
- (2) \$15
- (3) \$20
- (4) \$45

Section B : Short Answer Questions (30 marks)

Questions 16 to 25 carry 1 mark each. Questions 26 to 35 carry 2 marks each.
For each question, show your working clearly in the space below and write your answers in the boxes provided. For questions that require units, give your answers in the units stated.

16. Write 7 093 in words.

Ans:

17. What is the missing number in the following number pattern?

6 425, 6 325, 6 225, ? , 6 025

Ans:

--

18. In 1 275, the digit '7' stands for _____.

Ans:

19. Arrange these numbers in order. Begin with the **greatest** number.

2 197	1 792	1 729	2 179
-------	-------	-------	-------

Ans:

--	--	--	--

greatest

20. Put a tick (✓) in the box(es) below if the whole number is an odd number.

778	295	621	460
Ans:			

21. What is the quotient when 136 is divided by 6?

Ans:

22. Joseph saved \$2 a day. How much would he have saved in 32 days?

Ans:

23. What is the remainder of $25 \div 6$?

Ans:

24. \$5 = \$2 + _____ fifty-cent coins

Ans:

25.

$$\begin{array}{r} 8 \quad 9 \quad 0 \quad \boxed{A} \\ + \quad \quad 2 \quad 4 \quad 7 \\ \hline 9 \quad 1 \quad 5 \quad 6 \end{array}$$

What is the missing number represented by A?

Ans:

26. Paul delivered a total of 1 889 cakes over a period of 2 days. He delivered 454 cakes on the first day and the rest on the second day. How many cakes did Paul deliver on the second day?

Ans:

cakes

27. Mrs Lydia baked 86 egg tarts. She placed them all in boxes. Each box could contain only 8 egg tarts. How many boxes did Mrs Lydia use to pack them all into such boxes?

Ans:

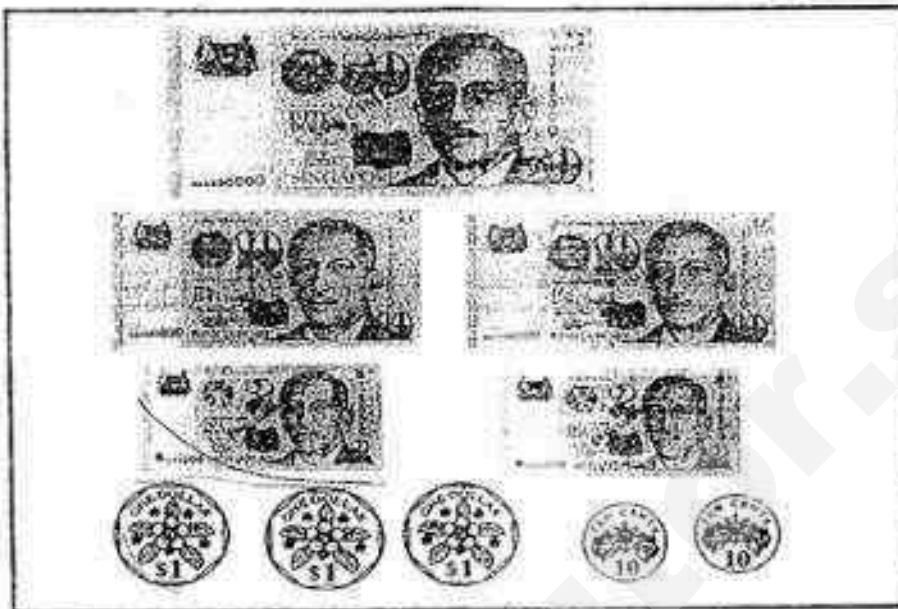
boxes

28. Jim saved some twenty-cent coins and fifty-cent coins in his piggy bank. The number of twenty-cent coins he saved is twice the number of fifty-cent coins. If he had 5 fifty-cent coins, how much was his savings in the piggy bank?

Ans:

\$

29. The following shows Portia's amount of savings.



How much **more** must portia save if she wants to buy a bag that costs \$90?

Ans: \$

30. Mdm Devi spent less than \$100 to buy two of the items shown below.

- (a) Name the two items.
(b) What was the total cost for the two items?



\$54.40
Aeroplane



\$49.90
Blocks



\$60.90
Teddy bear



\$45.70
Lego

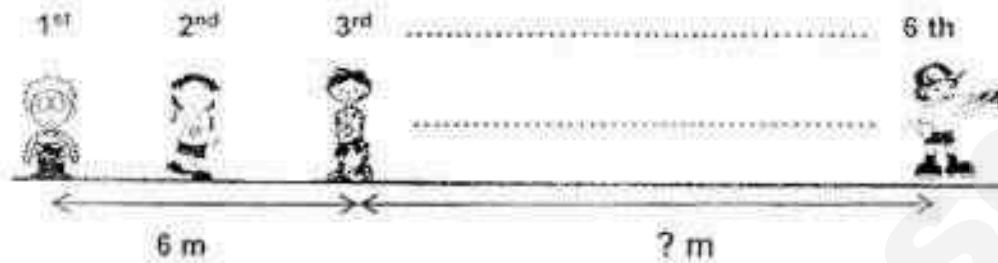
Ans: a) Items:

and

Ans: b)

\$

31. Some boys were placed an equal distance from one another along the length of a soccer field. The distance between the 1st boy and the 3rd boy was 6 m. How far apart was the 3rd boy and the 6th boy?



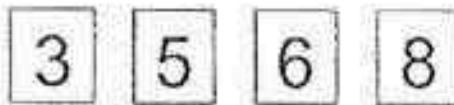
Ans: m

32. Mdm Halimah bought some balloons for her pupils. She paid a total of \$50. If she bought 2 big balloons, how many small balloons did she buy?

Price	
Big balloon	\$10 each
Small balloon	\$3 each











Ans: small balloons

33. How many 4-digit even number, between 5 000 and 6 000, can be formed using the number cards shown below?



Ans:

34. Nicola was given \$40 to purchase cupcakes from Fabcupcake Bakery. What was the most number of cupcakes that she could buy from the bakery with the amount of money she had?

Go for the best deal!!!	
Each 	\$2
A box of 3   	\$5
A box of 6      	\$9

Ans:

cupcakes

35. There were 28 motorcycles and cars parked in a car park. The motorcycles and cars had a total of 100 wheels. How many motorcycles were there in the car park?



Ans:

motorcycles

Section C: (5 x 4 marks)

Answer all the questions. All number sentences, statements and workings must be clearly shown.

36. There were 688 people at a funfair. 125 of them were women, 243 of them were men and rest were children. How many children were there ?

37. Mr Suresh packed 1 566 books on Monday. He packed 32 more books on Tuesday than on Monday. How many books did he pack on the two days altogether?

38. Lynn collected 550 stamps. Michelle collected 65 stamps more than Lynn. Michelle collected 3 times as many stamps as Nigel. How many stamps did Nigel collect?

39. 300 apples were delivered to a shop. 39 apples were rotten and were thrown away. The rest were repacked into packets. There were 9 apples in each packet. How many packets of apples were there?

40. Josephine had just enough money to buy 145 similar T-shirts. She bought 138 such T-shirts and had \$56 left. How much money did Josephine have at first?

End of paper

EXAM PAPER 2016 (P3)

SCHOOL : NAN HUA

SUBJECT : MATHEMATICS

TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	3	2	1	3	3	2	4	3	4
Q11	Q12	Q13	Q14	Q15					
4	1	3	2	2					

16) Seven thousand and ninety-three

17) 6125 18) 70 19) 2197, 2179, 1792, 1729 20) 295, 621

21) 22 22) \$64 23) 1 24) 6 25) A: 9 26) 1435

27) 11 28) \$4.50 29) \$12.80 30) a) Block and Lego b) \$95.60

31) 9m 32) 10 33) 4 34) 26 35) 6

36) $243 + 125 = 368$

$$688 - 368 = 320$$

There were 320 children.

37) $1566 + 32 = 1598$

$1598 + 1566 = 3164$

Mr Suresh pack 3164 books on the two days altogether.

38) $550 + 65 = 615$

$615 \div 3 = 205$

Nigel collect 205 stamps

39) $300 - 39 = 261$

$261 \div 9 = 29$

There were 29 packets of apple.

40) $145 - 138 = 7$

7 T-shirt $\rightarrow \$56$

1 T-shirt $\rightarrow \$56 \div 7 = \8

145 T-shirt $\rightarrow 145 \times \$8 = \1160

Josephine had \$1160 at first.



PRIMARY 3 MID-YEAR EXAMINATION 2016

Name : _____ () Date: 13 May 2016

Class : Primary 3 ()

Time: 8.00 a.m. - 9.00 a.m.

Parent's Signature : _____ Marks: _____ / 60

MATHEMATICS

PAPER 1

(BOOKLETS A & B)

Time for Paper 1 is 1 hour.

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Booklet A	10
Booklet B	20
Total for Paper 1 ★	30

Paper 1: Booklet A (10 marks)

Questions 1 to 10 carry 1 mark each. For each question, four options are given. One of them is the correct answer. Make your choice (1 , 2 , 3 or 4).

Shade the correct answer on the Optical Answer Sheet (OAS).

1. What is the value of the digit 7 in 2376 ?

- (1) 7
- (2) 70
- (3) 700
- (4) 7000

2. What is the missing number in the number pattern ?

20 , 22 , 26 , 32 , _____ , 50

- (1) 34
- (2) 38
- (3) 40
- (4) 41

3. Find the sum of 7224 and 1785.

- (1) 5439
- (2) 8009
- (3) 8909
- (4) 9009

4. Subtract 1132 from 5004.

(1) 3872

(2) 3972

(3) 4132

(4) 6136

5. 7×3 is the same as _____.

(1) $7 + 3$

(2) $7 + 7 + 7$

(3) $7 \times 7 \times 7$

(4) $3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$

6.

$72 \div 8$

is the same as

$13 - \square$

What is the missing number in the card ?

(1) 5

(2) 8

(3) 9

(4) 4

7. What is the product of 734 and 8 ?

(1) 5642

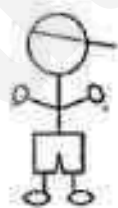
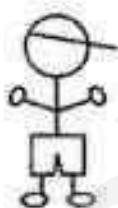
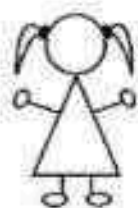
(2) 5672

(3) 5842

(4) 5872

8. There are 3 times as many boys as girls in the school hall.

If there are 144 boys, how many girls are there ?



(1) 36

(2) 48

(3) 147

(4) 432

9. Find the difference between \$45.20 and \$23.50.

(1) \$21.70

(2) \$22.30

(3) \$22.70

(4) \$68.70

10. Zayn bought a storybook which cost \$14.60.

He paid with two \$10 notes. How much change did he receive ?

(1) \$4.60

(2) \$5.40

(3) \$20.00

(4) \$34.60

End of Booklet A

Name : _____ (5)

Class : Pr 3 _____

Paper 1 Booklet B (20 marks)

Each question carries 1 mark. Write your answers in the boxes provided.

Give your answers in the units stated.

11. Write 5 619 in words.

12. Arrange the numbers in order, beginning with the smallest.

7318, 3871, 7138, 3817

Ans :

smallest

13. $5807 = 5000 + \underline{\hspace{2cm}} + 7$

Ans :

Ans :

16. The ~~less~~ of two numbers is 40 if the greater number is 25, find the difference between the two numbers.

Ans :

15. 6385 is _____ more than 6325.

Ans :

$$\begin{array}{r}
 1279 \\
 + \quad 353 \\
 \hline
 326
 \end{array}$$

14. Find the digit represented by A.

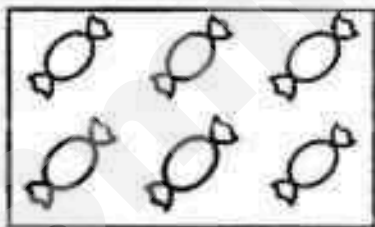
17. $6 \times \underline{\quad} = 30$

Ans :

18. What is the value of 7×8 ?

Ans :

19. There are 6 sweets in a packet. How many packets did Greg buy if he has 54 sweets altogether ?



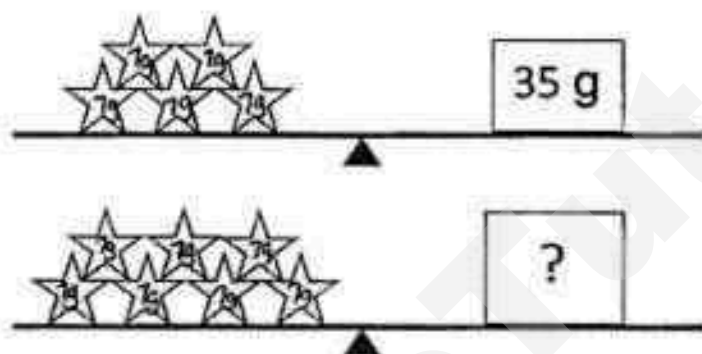
Ans :

 packets

20. Subtract 19 from the product of 9 and 8. The answer is _____.

Ans :

21.



Ans :

 g

22. A group of girls were given 50 pencils. Every 5 girls shared 10 pencils.
How many girls were there ?

Ans:

 girls

23. There are 56 chairs in a room. How many chairs are there in 6 rooms ?

Ans:

chairs

24. Divide 167 by 4. What is the remainder ?

Ans :

25. Sally packed 6 boxes of oranges. She packed 20 oranges in each box. There were 5 oranges left. How many oranges were there altogether ?

Ans :

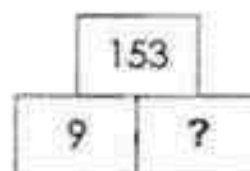
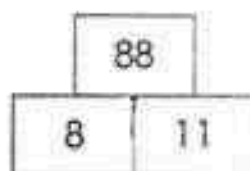
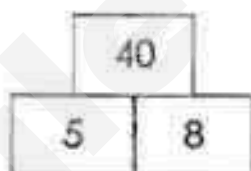
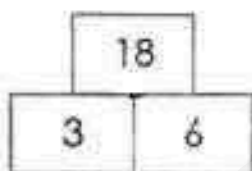
oranges

26. Sam and six friends share 210 marbles. How many marbles does each of them get ?


Ans :

marbles

27. Observe the following pattern and find the missing number.



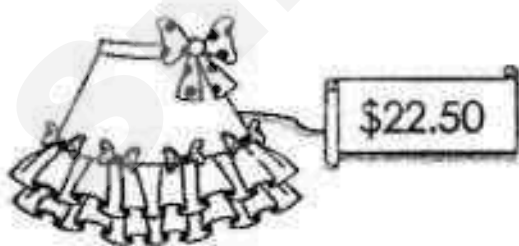
Ans :

28. What digit does  represent?

$$\begin{array}{r} \star 7 \\ \times 7 \\ \hline 196 \end{array}$$

Ans:

29. Suzy bought a skirt and a blouse.
How much did she pay for both items?



Ans:

30. Julia saves 5 cents every day.

How many days would she take to save \$0.70 ?

Ans :

days

End of Booklet B



PRIMARY 3 MID-YEAR EXAMINATION 2016

Name : _____ () Date: 13 May 2016

Class : Primary 3 ()

Time: 10.30 a.m. - 11.30 a.m.

Parent's Signature : _____ Marks: ★ _____ / 30

MATHEMATICS

PAPER 2

Time for Paper 2 is 1 hour.

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Paper 2 (30 marks)

Each question carries 3 marks.

Show all your working and statements clearly.

1. After Danny gave 6 marbles to Farhan and received 12 marbles from George, he had 22 marbles left.
How many marbles did Danny have at first ?

Ans : _____

2. Alex scored 7236 points in a game.
His score was 5168 points more than Bala.
How many points did they score altogether ?

Ans : _____

3. Mr Goh sold 368 mangoes.

He sold 4 times as many durians as mangoes.

How many more durians than mangoes did he sell ?

Ans: _____

4. Farmer John had 985 peaches.

He sold 54 peaches. He packed the rest equally into 7 boxes.

How many peaches were there in each box ?

Ans: _____

5. Michael, Nick and Paul had \$230 altogether.
Michael had \$80. Nick had twice as much money as Paul.
How much money did Paul have ?

Ans: _____

6. Linda had \$100 and Meiling had \$260.
How much money must Meiling give to Linda so that they
have the same amount of money ?

Ans: _____

7. Sarah is 3 years old. Her father is 29 years old.
How old will Sarah be when her father is three times her age?

Ans : _____

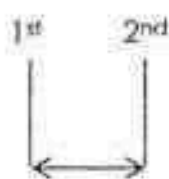
8. Jane had twice as many stickers as Bernard. After Bernard bought 80 stickers, he had thrice as many stickers as Jane.
How many stickers did Jane have?

Ans : _____

Q. There are 10 lamp posts along a road.

The lamp posts are placed 50 m from each other.

What is the distance between the 1st and the 10th lamp post ?



Ans : _____

10. In a class of 36 students, each boy received 5 lollipops and each girl received 3 lollipops from their teacher. The teacher gave out 132 lollipops. How many boys were there in the class?

Ans: _____

End of Paper 2

EXAM PAPER 2016 (P3)

SCHOOL : TAO NAN

SUBJECT : MATHEMATICS

TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	4	1	2	4	4	2	1	2

11) Five thousand, six hundred and nineteen

12) 3817, 3871, 7138, 7318

13) 800

14) 9

15) 60

16) 10

17) 5

18) 56

19) 9

20) 53

21) 49g

22) 25

23) 336

24) 3

25) 125

26) 30

27) 17

28) 8

29) \$34.30

30) 14 day

Paper 2

1) $22 - 12 = 10$

$$10 + 6 = 16$$

Danny had 16 marbles at first.

2) $7236 - 5168 = 2068$

$$2068 + 7236 = 9304$$

They scored 9304 points altogether.

3) $368 \times 3 = 1104$

He sold 1104 more durians than mangoes.

4) $985 - 54 = 931$

$931 \div 7 = 133$

There were 133 peaches in each box.

5) $\$230 - \$80 = \$150$

$\$150 \div 3 = \50

Paul has \$50

6) $\$260 - \$100 = \$160$

$\$160 \div 2 = \80

Meling must give Linda \$80 so that they have the same amount of money.

7) $29 - 3 = 26$

$26 \div 2 = 13$

Sarah will be 13 years old.

8) $80 \div 5 = 16$

$16 \times 2 = 32$

Jane has 32 stickers.

9) $10 - 1 = 9$ (number of intervals)

$9 \times 50\text{m} = 450\text{m}$

The distance is 450m

10) $36 \times 3 = 108$

$132 - 108 = 24$ (lack)

$5 - 3 = 2$ (difference)

$24 \div 2 = 12$ There are 12 boys in the class.



Temasek Primary School
Semestral Assessment 1
Primary Three
2016

MATHEMATICS
BOOKLET A

Name : _____ ()

Class : Primary 3 _____

Date : 12 May 2016

Parent's Signature: _____

Total Time for Booklets A & B: 1 h 45 min

Instructions to Candidates:

1. Write your name, class and register number in the spaces provided clearly.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Shade your answers in the Optical Answer Sheet (OAS) provided.
6. You are **NOT** allowed to use a calculator.

Questions 1 to 20 carry 2 marks each. For each question, 4 options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. You are not allowed to use a calculator.

(40 marks)

1. 9035 is the same as _____.

- (1) $90 + 3 + 5$
- (2) $900 + 300 + 5$
- (3) $9000 + 300 + 5$
- (4) $9000 + 30 + 5$

2. In 6401, the value of the digit 4 is _____.

- (1) 4000
- (2) 400
- (3) 40
- (4) 4

3. $8512 + 249 =$ _____.

- (1) 8263
- (2) 8751
- (3) 8761
- (4) 11 002

4. Subtract 30 tens from 692.

- (1) 392
- (2) 632
- (3) 722
- (4) 992

5. $6 \times 5 =$ _____

- (1) $5 \times 5 \times 5 \times 5 \times 5$
- (2) $6 \times 6 \times 6 \times 6 \times 6$
- (3) $5 + 5 + 5 + 5 + 5 + 5$
- (4) $6 + 6 + 6 + 6 + 6 + 6$

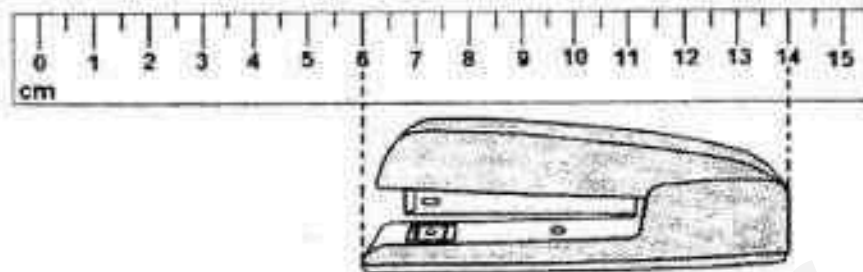
6. $48 \times 7 =$

- (1) 322
- (2) 336
- (3) 344
- (4) 352

7. $642 \div 6 =$

- (1) 17
- (2) 70
- (3) 107
- (4) 108

8. Look at the diagram below carefully.



What is the length of the stapler?

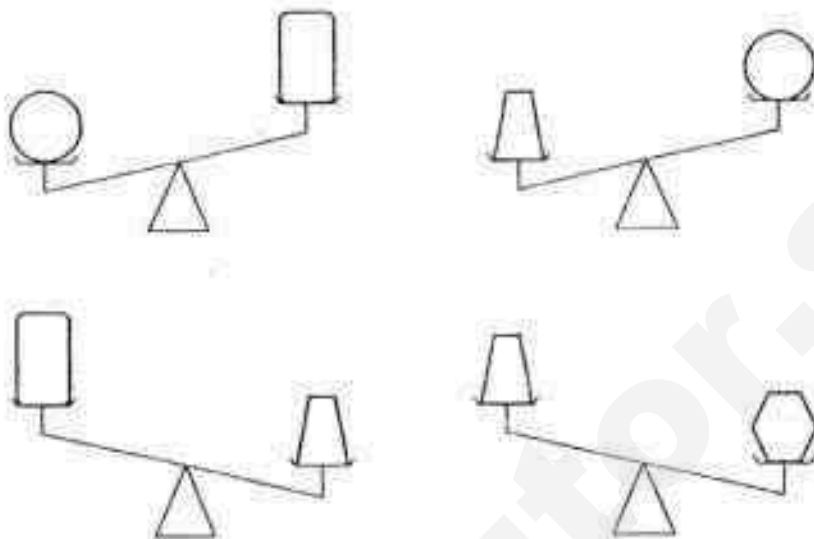
- (1) 6 cm
 - (2) 8 cm
 - (3) 14 cm
 - (4) 20 cm
9. 723 is _____ more than 28.

- (1) 695
- (2) 705
- (3) 751
- (4) 795

10. Mrs Ong made 896 doughnuts a day. How many doughnuts did she make in one week?

- (1) 128
- (2) 896
- (3) 5632
- (4) 6272

11. Look at the diagrams below carefully.



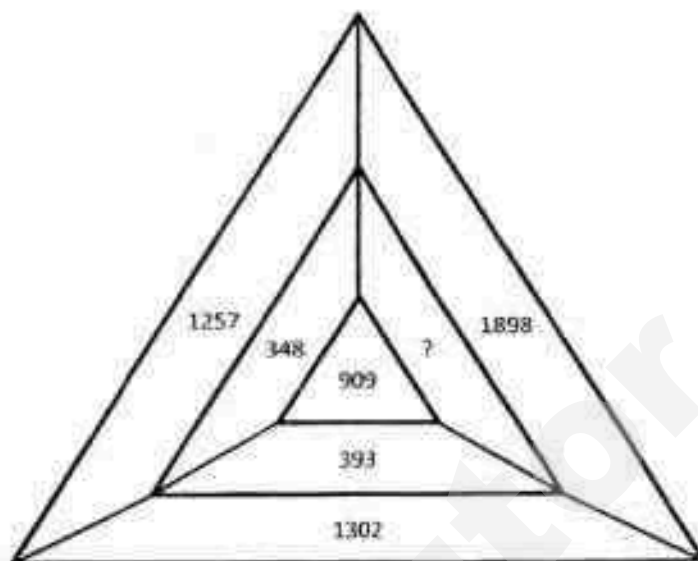
Which object is the lightest?



12. Ivy has 6 similar boxes of strawberries. There are 78 strawberries in each box. She repacked all the strawberries equally into 4 packets. How many strawberries are there in each packet?

- (1) 21
(2) 52
(3) 102
(4) 117

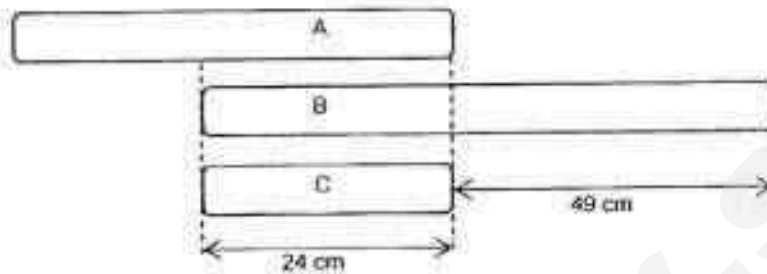
13. Look at the following diagram. What is the value of the missing number?



- (1) 516
(2) 561
(3) 741
(4) 989
14. Muthu made 46 pancakes more than Eric. Mary made 32 pancakes less than Muthu. If Eric made 25 pancakes, how many pancakes did Mary make?

- (1) 21
(2) 39
(3) 71
(4) 103

15. Rod C is 24 cm long. If Rod A is 12 cm shorter than Rod B, what is length of Rod A?



- (1) 12 cm
 - (2) 37 cm
 - (3) 61 cm
 - (4) 73 cm
16. Look at the clock below carefully.



The time shown in the clock above is ten minutes faster than the actual time.
What is the actual time?

- (1) 4.40 pm
- (2) 5.00 pm
- (3) 5.40 pm
- (4) 6.00 pm

17. May has thrice as many stickers as Bobbie. If May has 276 stickers, how many stickers do the both of them have altogether?

- (1) 92
- (2) 138
- (3) 368
- (4) 414

18. Study the pattern below.



What is the 105th shape?

- (1) 
- (2) 
- (3) 
- (4) 

19. Aishah has to place all 127 marbles into jars. If each jar can only contain 9 marbles, what is the least number of jars she needs?

- (1) 13
- (2) 14
- (3) 15
- (4) 16

20. The mass of a crate with 8 glass bottles is 4450 g.
The mass of the same crate and 5 glass bottles is 3100 g.
Find the mass of the empty crate.

- (1) 450 g
- (2) 850 g
- (3) 1350 g
- (4) 2250 g

--- End of Booklet A ---



Temasek Primary School
Semestral Assessment 1
Primary Three
2016

MATHEMATICS
BOOKLET B

Name : _____ ()

Class : Primary 3 _____

Date : 12 May 2016

Parent's Signature: _____

Total Time for Booklets A & B: 1 h 45 min

Instructions to Candidates:

1. Write your name, class and register number in the spaces provided clearly.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Write your answers in this booklet.
6. You are **NOT** allowed to use a calculator.

Paper	Marks	Scores
Section A	40	
Section B	40	
Section C	20	
Total	100	

Questions 21 to 40 carry 2 marks each. Show your working clearly in the space provided for each question and write your answer in the spaces provided. For questions which require units, give your answers in the units stated. You are **not** allowed to use a calculator.

(40 marks)

21. Write 6743 in words.

Ans: _____

22. Complete the number pattern.

2401, 2551, 2701, _____, 3001

Ans: _____

23. What is the missing digit represented by A?

$$\begin{array}{r} 4103 \\ - 19\boxed{A}8 \\ \hline 2135 \end{array}$$

Ans: _____

24. If $17 + 7 + 12 = \text{☀} \times \text{☀}$,

what is the value of ☀ ?

Ans: _____

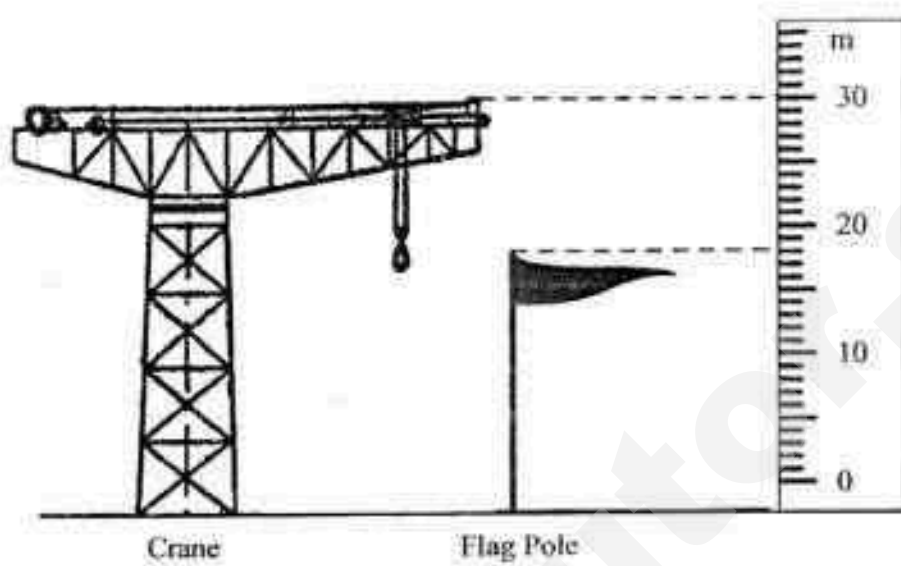
25. When a number is divided by 6, it gives a quotient of 48 and a remainder of 3.
What is the number?

Ans: _____

26. Find the product of 348 and 8.

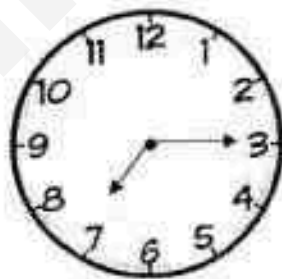
Ans: _____

27. How much taller is the crane than the flag pole?



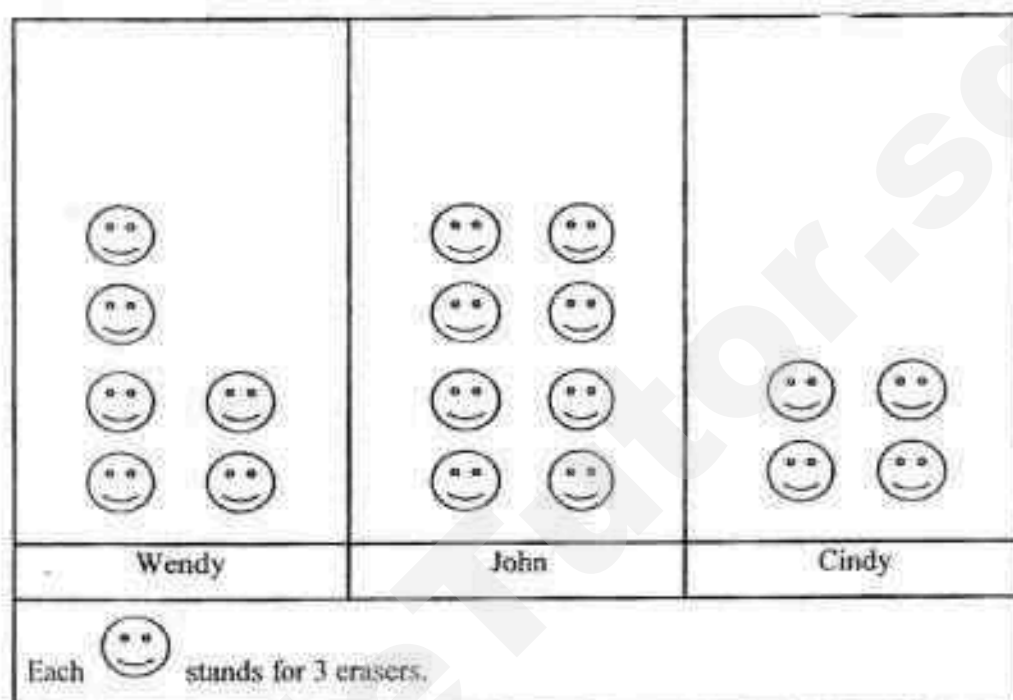
Ans: _____ m

28. Irene started doing her homework at the time shown on the clock below.
She spent half an hour to complete her homework.
What time did she complete her homework?



Ans: _____ pm

The picture graph below shows the number of erasers collected by 3 children.
Use it to answer Questions 29 and 30.



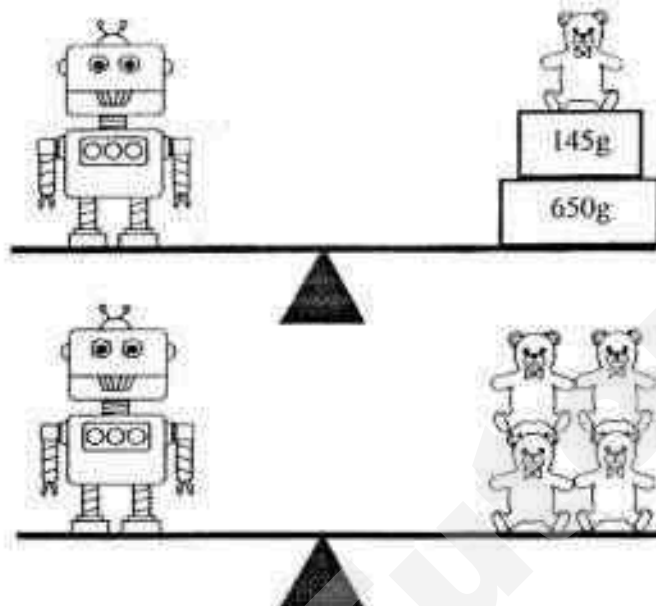
29. How many more erasers did John collect than Cindy?

Ans: _____

30. If Wendy sold all her erasers at \$2 each, how much money did she receive?

Ans: \$ _____

31. What is the mass of each



Ans: _____ g

32. 3 years ago, the total age of Don and Celeste was 50 years old. Now, Don is 27 years old. How old is Celeste now?

Ans: _____ years old

33. There are 8 times as many goldfishes as guppies in a pond. If there are 126 fewer guppies than goldfishes, how many goldfishes are there?

Ans: _____

34. A dress costs thrice as much as a T-shirt. The dress costs \$36.
How much do 5 such T-shirts cost?

Ans: \$ _____

35. How many different ways can you form a 3-digit odd number using the digits given below? You can only use each digit once.

2

9

7

Ans: _____

36. There were 4830 people at a concert. 3245 were adults and the rest were children. How many more adults than children were there?

Ans: _____

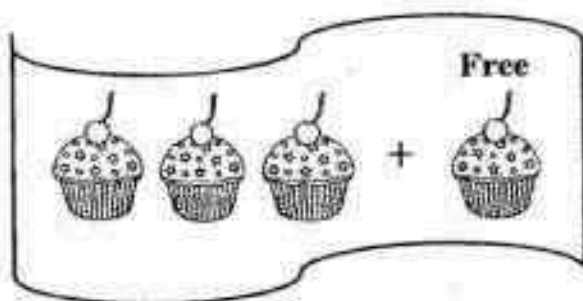
37. I am thinking of a number between 20 and 50.
When I divide it by 6, it has a remainder of 2.
The sum of the digits in the number is 11.
What is the number?

Ans: _____

38. Haikal has \$950. Natalie has \$810. How much money must Haikal give to Natalie so that both of them will have the same amount of money?

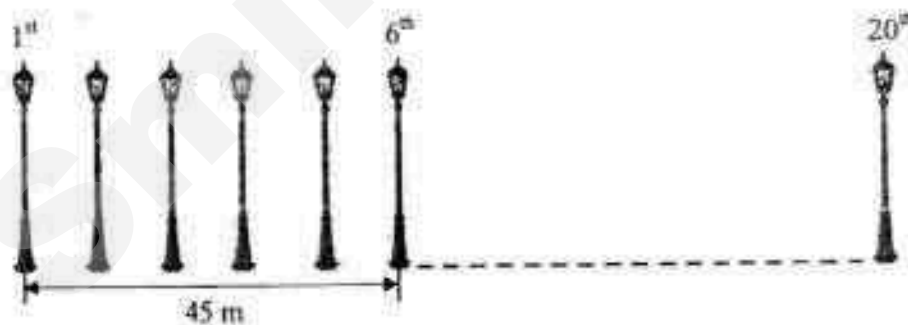
Ans: \$

39. Kelly went to a bakery to buy some cupcakes. A cupcake cost \$3. For every 3 cupcakes bought, she got 1 cupcake free. How much did Kelly pay for 16 cupcakes?



Ans: \$ _____

40. 20 lamp posts are placed at a regular interval from the beginning to the end of Temasek Road. The distance between the 1st and the 6th lamp post is 45m. What is the length of Temasek Road?



Ans: _____ m

For questions 41 to 46, show your working clearly in the space provided for each question and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question.

(20 marks)

41. There are 891 girls at a carnival. The number of boys is 278 more than the number of girls. What is the total number of children at the carnival?

Ans: _____ [3 marks]

42. Jimmy bought a laptop and a printer. He gave the cashier \$2500 and received \$245 change. If the printer cost \$190, what was the cost of the laptop?

Ans: _____ [3 marks]

43. Hussain saw a total of 23 sheep and ducks in a farm.
If there were a total of 82 legs, how many ducks did he see?

Ans: _____ [3 marks]

44. Study the pattern carefully.



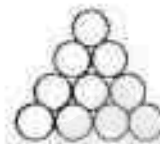
Pattern 1



Pattern 2



Pattern 3



Pattern 4

Pattern Number	Number of circles
1	1
2	3
3	6
4	10

(a) Draw Pattern 5 in the space below. [1 mark]

(b) How many circles are there in Pattern 10?

Ans: (b) _____ [2 marks]

45. Daniel and Maria had the same amount of money.
After Daniel gave Maria \$190, he was left with \$6320.
- (a) How much money did Daniel have at first?
 - (b) How much more money did Maria have than Daniel in the end?

Ans: (a) _____ [1 mark]

(b) _____ [3 marks]

46. Aiman, Brandon and Carlos sold a total of 1579 coupons at a family carnival. Carlos sold 65 more coupons than Brandon. Aiman sold twice as many coupons as Carlos. How many coupons did Carlos sell?

[Draw a model. One mark will be awarded for model drawn and labelled correctly.]

Ans: _____ [4 marks]

----- End of Booklet B -----

Page 21

YEAR : 2016
 LEVEL : PRIMARY 3
 SCHOOL : TEMASEK PRIMARY
 SUBJECT : MATHEMATICS
 TERM : SA1

Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	2	3	1	3	2	3	2	1	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
2	4	4	2	3	1	3	1	3	2

Booklet B

Q21 Six thousand seven hundred and forty three.

Q22 2851

Q23 6

Q24 $17 + 7 + 12 = 6 \times 6$
 Ans \Rightarrow 6

Q25 291

Q26 2784

Q27 12 m

Q28 7:45 pm

Q29 $24 - 12 \Rightarrow$ 12 more easers

Q30 $18 \times \$2 \Rightarrow \36

Q31 $650 + 145 \rightarrow 795$
 $795 \div 3 \Rightarrow$ 265 g

Q32 Both existing age now $50 + (3 + 3) \rightarrow 56$
 Celeste $\rightarrow 56 - 27 \Rightarrow$ 29 years old

Q33 144 goldfishes

Q34 $\$36 \div 3 \rightarrow \12
 $\$12 \times 5 \Rightarrow \60

Q35 4

Q36 $4830 - 3245 \rightarrow 1585$
 $3245 - 1585 \Rightarrow 1660 \text{ more adults}$

Q37 33

Q38 $\$950 - \$810 \rightarrow \$140$
 $\$140 \div 2 \rightarrow \70

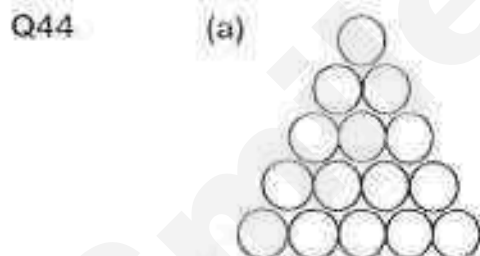
Q39 $12 \times \$3 \Rightarrow \36

Q40 171 m

Q41 Boys $\rightarrow 891 + 278 = 1169$
Total $\rightarrow 891 + 1169 \Rightarrow 2060 \text{ children}$

Q42 Laptop + Printer cost $\rightarrow \$2500 - \$245 = \$2255$
Laptop cost $\rightarrow \$2255 - \$190 \Rightarrow \$2065$

Q43 Sheep $18 \times 4 = 72$ } Total:
Duck $5 \times 2 = 10$ } 82 legs
Ans $\Rightarrow 5 \text{ ducks}$



(b) Pattern 5 $\rightarrow 15 \text{ circles}$
Pattern 6 $\rightarrow 21 \text{ circles}$
Pattern 7 $\rightarrow 28 \text{ circles}$
Pattern 8 $\rightarrow 36 \text{ circles}$
Pattern 9 $\rightarrow 45 \text{ circles}$
Pattern 10 $\Rightarrow 55 \text{ circles}$

Q45 (a) Amount Daniel had at first $\rightarrow \$6320 + \$190 \Rightarrow \$6510$

(b) Amount Maria had $\rightarrow \$6700 - \$6320 \Rightarrow \$380 \text{ more}$

Q46 Carlos sold $\frac{1579 + 65}{4} \Rightarrow 411 \text{ coupons}$
End



MARIS STELLA HIGH SCHOOL (PRIMARY)

SEMESTRAL ASSESSMENT 1

Primary 3 MATHEMATICS

10 MAY 2016

BOOKLET A

17 questions

30 marks

Total time for Booklets A and B: 1 h 45 min

NAME : _____ ()

CLASS : PRIMARY 3 _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

SECTION A: 30 marks

Questions 1 to 4 carry 1 mark each. Questions 5 to 17 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

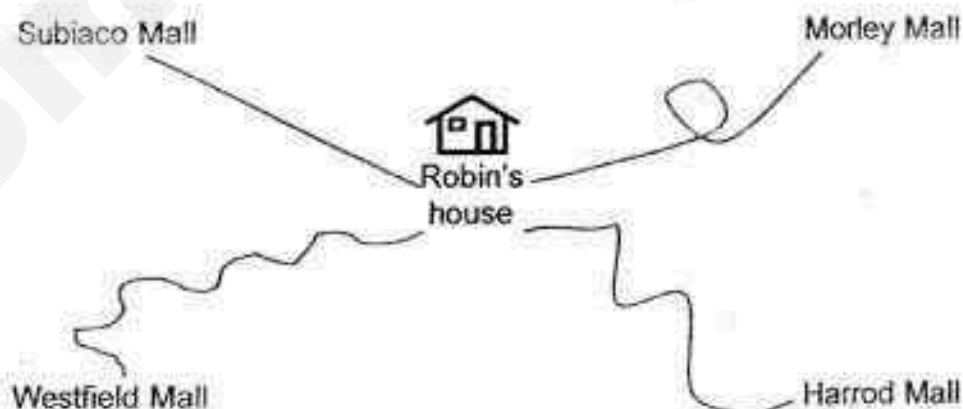
1. 3400 has the same value as _____.

- (1) 34 ones
- (2) 34 tens
- (3) 34 hundreds
- (4) 34 thousands

2. 3208 is the same as _____.

- (1) $300 + 20 + 8$
- (2) $300 + 200 + 8$
- (3) $3000 + 20 + 8$
- (4) $3000 + 200 + 8$

3. Look at the map below. It shows the paths to different malls near Robin's house. The mall nearest to Robin's house is _____.



- (1) Morley Mall
- (2) Harrod Mall
- (3) Subiaco Mall
- (4) Westfield Mall

4. _____ + 1596 = 5002

- (1) 3406
- (2) 4516
- (3) 4594
- (4) 6598

5. The product of 128 and 8 is _____.

- (1) 16
- (2) 120
- (3) 136
- (4) 1024

6. What is the remainder when 376 is divided by 7?

- (1) 6
- (2) 5
- (3) 3
- (4) 4

7.



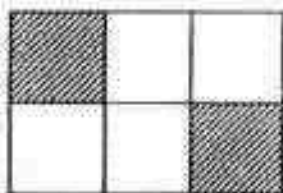
The time shown on the clock is _____.

- (1) 10 minutes to 6
- (2) 5 minutes past 10
- (3) 25 minutes to 11
- (4) 25 minutes past 10

8. $42 = 5$ groups of $6 +$ _____ groups of 6

- (1) 6
- (2) 2
- (3) 7
- (4) 12

9. The figure below is made up of identical squares.



What fraction of the figure is shaded?

- (1) $\frac{2}{3}$
- (2) $\frac{2}{4}$
- (3) $\frac{2}{5}$
- (4) $\frac{2}{6}$

10. Mrs Smith has 322 chocolate bars.

She puts 8 chocolate bars into each goodie bag.

What is the smallest number of goodie bags she will need to contain all the chocolate bars?

- (1) 41
- (2) 40
- (3) 5
- (4) 4

11. Elsa needs \$2.50 to buy a plate of chicken rice.

The picture below shows the total amount of money in her purse.

How much more does she need to pay for the plate of chicken rice?

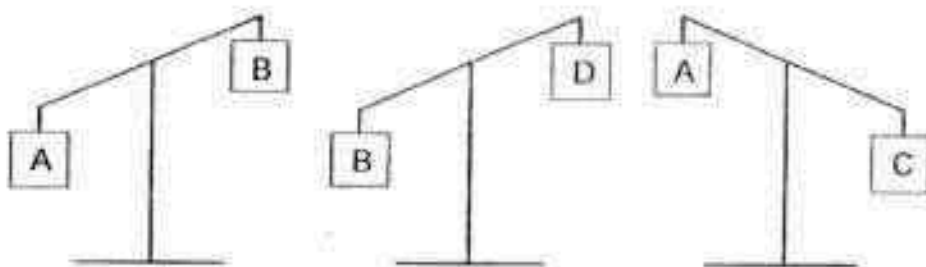


- (1) one 20¢ coin
 - (2) two 20¢ coins
 - (3) three 20¢ coins
 - (4) one 50¢ coins
12. String A is longer than String B.
String C is the same length as String B.
String D is longer than String A.
Which is the longest string?

- (1) A
 - (2) B
 - (3) C
 - (4) D
13. When a number is divided by 7 or 9, there is a remainder of 2.
What is this number?

- (1) 51
- (2) 61
- (3) 65
- (4) 83

14. Look at the picture carefully.



Which object is the heaviest?

- (1) A
 - (2) B
 - (3) C
 - (4) D
15. $224 \div 4 = \underline{\quad} \times 8$

- (1) 7
- (2) 8
- (3) 55
- (4) 56

16. Harrison has some 10¢ coins and 50¢ coins in his wallet.
All the coins add up to \$2.
He has exactly 8 coins.
How many 10¢ coins does he have?

- (1) 8
- (2) 5
- (3) 3
- (4) 4

17. Mrs Sim baked some muffins and packed them into boxes for her friends. Each box can hold 6 chocolate muffins and 4 banana muffins. She packed a total of 48 chocolate muffins. How many banana muffins did she pack altogether?

- (1) 8
- (2) 12
- (3) 24
- (4) 32

End of Booklet A

Go on to Booklet B



MARIS STELLA HIGH SCHOOL (PRIMARY)

SEMESTRAL ASSESSMENT 1

Primary 3 MATHEMATICS

10 May 2016

BOOKLET B

23 questions

50 marks

Total time for Booklets A and B: 1 h 45 min

NAME : _____ ()

CLASS : PRIMARY 3 _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

MARKS OBTAINED :

BOOKLET A: _____ / 30

BOOKLET B: _____ / 50

TOTAL : _____ / 80

Parent's Signature: _____

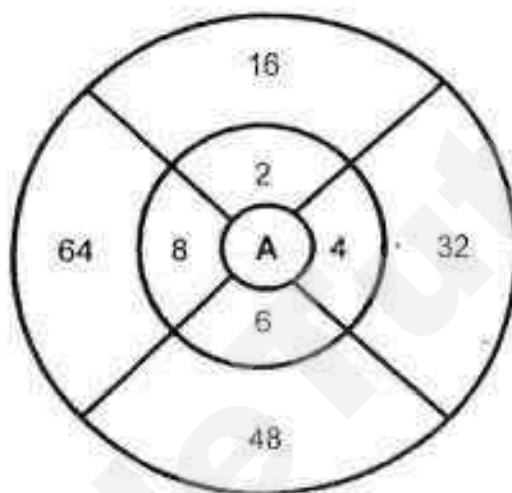
SECTION B (32 marks)

Questions 18 to 21 carry 1 mark each. Questions 22 to 35 carry 2 marks each.
Show your workings clearly in the space provided for each question and write your answers in the blanks provided. For questions which require units, give your answers in the units stated.

18. In 2375, the value of the digit 3 is _____.

Answer: _____

19.



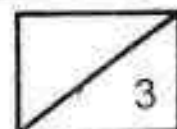
The numbers in the diagram above are linked in some way.
Find the value of A.

Answer: _____

20. Use all the digits below to form the smallest 4-digit odd number.



Answer: _____



21. Arrange the following fractions in order, beginning with the greatest.

$$\frac{2}{10} \quad , \quad \frac{2}{2} \quad , \quad \frac{2}{12} \quad , \quad \frac{2}{5}$$

Answer: _____ , _____ , _____ , _____
(greatest) (smallest)

22. Look at the numbers below carefully and fill in the values of (a) and (b) in the blanks.



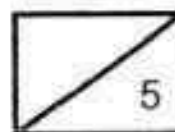
_____ (a) is 1100 less than _____ (b)

Answer: (a) _____

(b) _____

23. Find the quotient and remainder when 625 is divided by 8.

Answer: _____ R _____



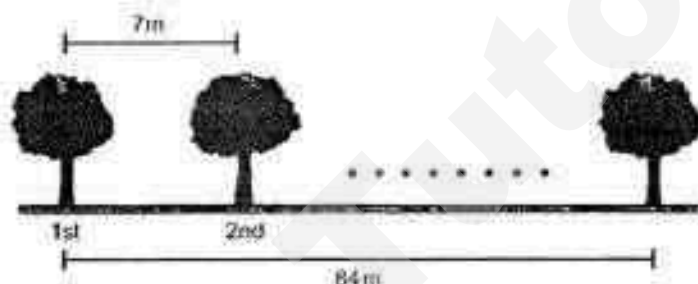
24.

$$\boxed{} - 3285 = 1076$$

What is the missing number in the box?

Answer: _____

25. Farmer John planted some apple trees along one side of his orchard. The distance between 2 apple trees is 7 m. The total distance from the first apple tree to the last is 84 m. How many apple trees are there along one side of his orchard?

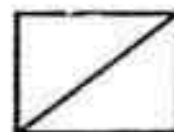


Answer: _____

26. What is the missing number in the pattern?

2778 , 3003 , _____ , 3483 , 3738

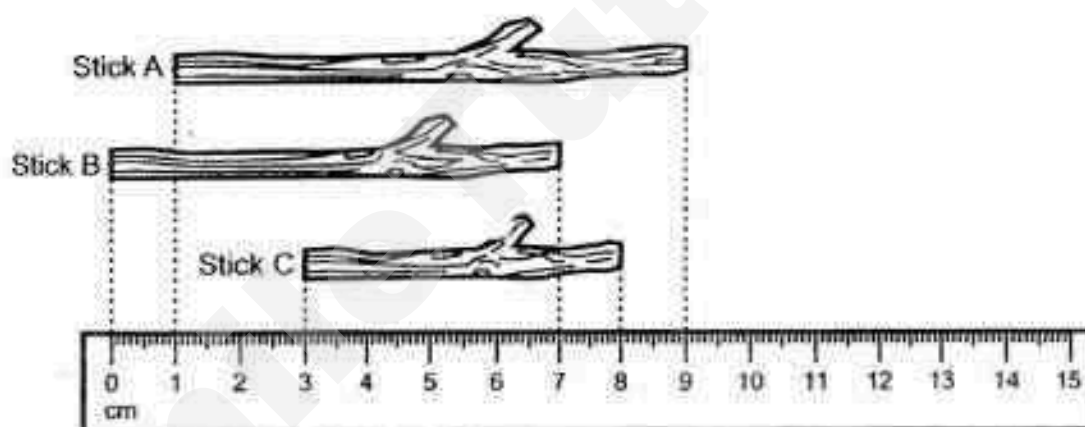
Answer: _____



27. The sum of two numbers is 500.
The bigger number is 268.
Find the difference between the two numbers.

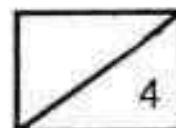
Answer: _____

28. Look at the picture below.



The total length of Sticks A, B and C is _____

Answer: _____ cm



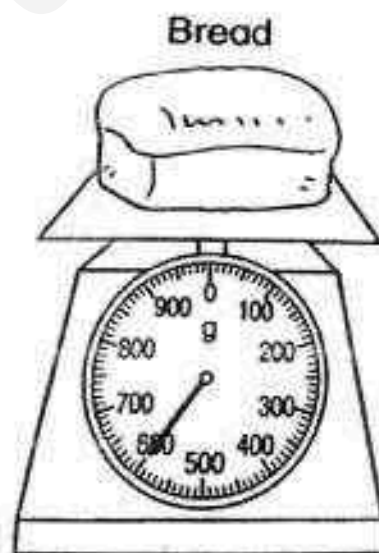
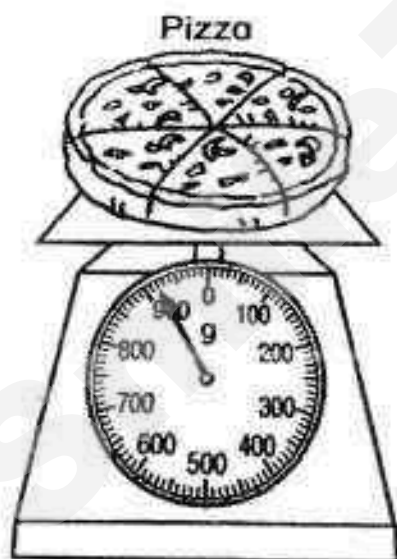
29. Mr Shaw took an evening flight from Kuala Lumpur International Airport to Singapore Changi Airport. The travelling time is 1 hour. He arrived at Singapore Changi Airport at the time shown on the clock below.



What time did Mr Shaw leave Kuala Lumpur International Airport?

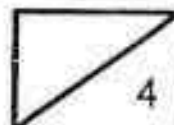
Answer: _____ p.m.

30. Look at the picture below.



The loaf of bread is _____ lighter than the pizza.

Answer: _____ g



31. What are the missing digits in the boxes?

$$\begin{array}{r} 700A \\ - B158 \\ \hline 4849 \end{array}$$

Answer: A : _____

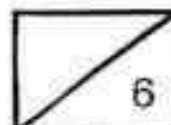
B : _____

32. At a party, there were 108 children.
Each child received 6 balloons.
In the end, there were 4 balloons left.
How many balloons were there at first?

Answer: _____

33. Alan has twice the number of marbles as Bobby.
Cayden has thrice the number of marbles as Alan.
If Cayden has 504 marbles, how many marbles do the three boys have altogether?

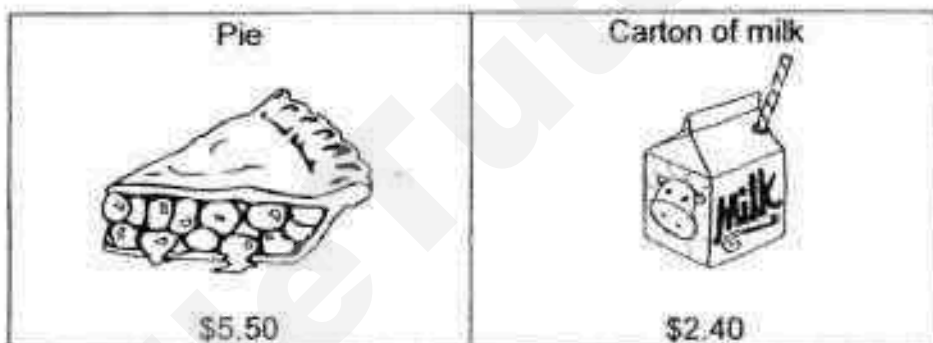
Answer: _____



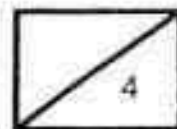
34. Lucas and Wayne had an equal number of stamps at first.
Lucas gave Wayne 20 stamps.
Wayne has 245 stamps now.
How many stamps does Lucas have now?

Answer: _____

35. Sue had \$10. She bought a slice of pie and a carton of milk for lunch.
How much money did she have left?



Answer: \$ _____



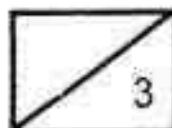
SECTION C (18 marks)

Questions 36 and 37 carry 3 marks each. Questions 38 to 40 carry 4 marks each. For each of the questions below, show your number statements, workings and final statements clearly. For questions which require units, give your answers in the units stated.

36. Calvin put 324 sea shells equally into 9 containers.
He gave 6 containers of sea shells to Bernard.
How many sea shells did Bernard receive?

Working Column

Answer _____



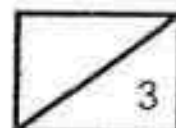
37. A dining table cost \$155 more than a chair.

Mrs Watson bought 1 dining table and 4 such chairs for \$880.

How much did each chair cost?

Working Column

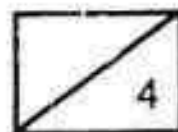
Answer: _____



38. Baker Lim baked 478 apple pies.
He packed 6 apple pies into each box and had some left over.
He sold each box of apple pies for \$9.
The apple pies that were left over were sold for \$3 each.
Baker Lim sold all the apple pies.
How much money did he collect?

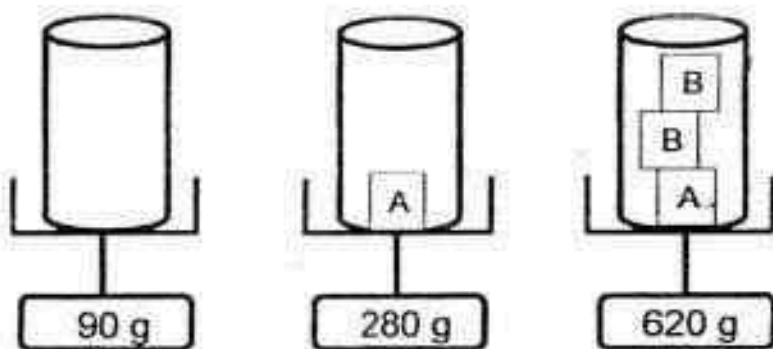
Working Column

Answer: _____



39. Look at the picture below.

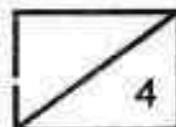
Working Column



- (a) Find the mass of one piece of Object A.
(b) Find the mass of one piece of Object B.

Answer: (a) _____ (1)

(b) _____ (3)



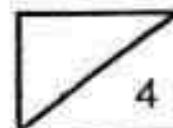
40. In a test, every student had to answer 20 questions.
4 marks were given for every correct answer and 2 marks were taken away for every wrong answer.
Samuel answered all 20 questions and scored 44 marks.
How many questions did he answer correctly?

Working Column

Guess	Marks for right questions	Marks for wrong questions	Marks scored	Check
1				
2				
3				
4				

Answer: _____

End of Booklet B
Please check your work carefully.



YEAR : 2016
 LEVEL : PRIMARY 3
 SCHOOL : MARIS STELLA HIGH
 SUBJECT : MATHEMATICS
 TERM : SA1

Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9
3	4	3	1	4	2	4	2	4
Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	
1	3	4	3	3	1	2	4	

Booklet B

Q18 300

Q19 8

Q20 4587

Q21 $\frac{2}{2} \times \frac{2}{5} \times \frac{2}{10} \times \frac{2}{12}$

Q22 (a) 7253

(b) 8353

Q23 78 R 1

Q24 4361

Q25 $84 \div 7 \rightarrow 12$
 $12 + 1 \Rightarrow 13$ trees

Q26 3238

Q27 36

Q28 $8 + 7 \rightarrow 15$
 $15 + 5 \Rightarrow 20$ cm

Q29 6:30 pm

- Q30 $920 - 600 \Rightarrow \underline{320 \text{ g}}$
- Q31 A : 7
B : 2
- Q32 $108 \times 6 \rightarrow 648$
 $648 + 4 \Rightarrow \underline{652 \text{ balloons}}$
- Q33 756 marbles
- Q34 $245 - 40 \Rightarrow \underline{205 \text{ stamps}}$
- Q35 $\$5.50 + \$2.40 \rightarrow \$7.90$
 $\$10 - \$7.90 \Rightarrow \underline{\$2.10}$
- Q36 $324 \div 9 \rightarrow 36$
 $36 \times 6 \Rightarrow \underline{216 \text{ shells}}$
- Q37 $\$880 - \$155 = \$725$
 $\$725 \div 5 \Rightarrow \underline{\$145 \text{ per chair}}$
- Q38 $478 \div 6 = 79\text{R}4$
 $79 \times \$9 = \711
 $4 \times \$3 = 12$
 $\$711 + \$12 \Rightarrow \underline{\$723 \text{ collected}}$
- Q39 (a) $280 - 90 \Rightarrow \underline{190 \text{ g}}$
(b) $620 - 280 \rightarrow 340$
 $340 \div 2 \Rightarrow \underline{170 \text{ g}}$

Q40

Guess	Marks for right questions	Marks for wrong questions	Marks scored	Check
1	$10 \times 4 = 40$	$10 \times 2 = 20$	$40 - 20 = 20$	✗
2	$12 \times 4 = 48$	$8 \times 2 = 16$	$48 - 16 = 32$	✗
3	$15 \times 4 = 60$	$5 \times 2 = 10$	$60 - 10 = 50$	✗
4	$14 \times 4 = 56$	$6 \times 2 = 12$	44	✓

Ans \Rightarrow Samuel answered 14 questions correctly.

End



RED SWASTIKA SCHOOL

2016 SEMESTRAL ASSESSMENT 1

MATHEMATICS

Name : _____ ()

Class : Primary 3 / _____

Date : 9 May 2016

BOOKLET A

20 Questions

40 Marks

Duration of Paper : 1 hour 45 minutes

Note:

1. Do not open this Booklet until you are told to do so.
2. Read carefully the instructions given at the beginning of each part of the Booklet.
3. Do not waste time. If a question is difficult for you, go on to the next one.
4. Check your answers thoroughly and make sure you attempt every question.
5. In this booklet, you should have the following:
 - (a) Page 1 to Page 5
 - (b) Questions 1 to 20

Section A : Multiple-Choice Questions

Questions 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(40 marks)

- 1 In 5 678, the digit 5 stands for _____.
- (1) 5
 - (2) 50
 - (3) 500
 - (4) 5 000
- 2 In 1 234, the digit _____ is in the hundreds place.
- (1) 1
 - (2) 2
 - (3) 3
 - (4) 4
- 3 9 thousands and 99 tens is the same as _____.
- (1) 9 099
 - (2) 9 909
 - (3) 9 990
 - (4) 9 999
- 4 Tim had 2 917 marbles at first. He bought another 5 309 marbles. How many marbles did he have in the end?
- (1) 2 392
 - (2) 3 612
 - (3) 7 226
 - (4) 8 226
- 5 5 groups of 8 is the same as _____.
- (1) $8 + 8 + 8 + 8 + 8$
 - (2) $5 + 5 + 5 + 5 + 5$
 - (3) $8 \times 8 \times 8 \times 8 \times 8$
 - (4) $5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5 \times 5$

6. Joe has 720 stickers. He has 3 times as many stickers as Linda. Anthony has 109 stickers less than Linda. How many stickers does Anthony have?
- (1) 131
(2) 349
(3) 2 051
(4) 2 269
7. Divide 704 by 5. What is the remainder?
- (1) 1
(2) 2
(3) 3
(4) 4
8. $2\text{ l } 70\text{ ml} = \underline{\hspace{2cm}}\text{ ml}$
- (1) 207
(2) 270
(3) 2 070
(4) 2 700
9. Look at the number pattern below. What is the missing number in the blank?
- 3 010 , 3 110 , 3 310 , , 4010 , 4 510
- (1) 3 410
(2) 3 510
(3) 3 610
(4) 3 710
10. Which of the following set of numbers is arranged from the greatest to the smallest?
- (1) 1 234 , 1 324 , 1 432 , 1 423
(2) 2 345 , 2 354 , 2 435 , 2 453
(3) 3 987 , 3 897 , 3 879 , 3 789
(4) 4 513 , 4 511 , 4 510 , 4 512

- 11 The difference between two numbers is 40. The smaller number is 180. What is the sum of the two numbers?

(1) 140
(2) 220
(3) 320
(4) 400

- 12 Find the sum of 4 205 and 3 196.

(1) 1 009
(2) 7 391
(3) 7 401
(4) 7 491

- 13 Find the difference in the values of digit 4 in 4 100 and 8 340.

(1) 3 006
(2) 3 060
(3) 3 600
(4) 3 960

- 14 What is the missing number in the box?

$$9 + 9 + 9 + 9 + 9 + 9 = \boxed{} \times 9$$

(1) 6
(2) 9
(3) 45
(4) 54

- 15 Which of the following is different from the rest?

(1) 4×7
(2) 7×4
(3) 4 groups of 7
(4) $4 + 4 + 4 + 4 + 4 + 4$

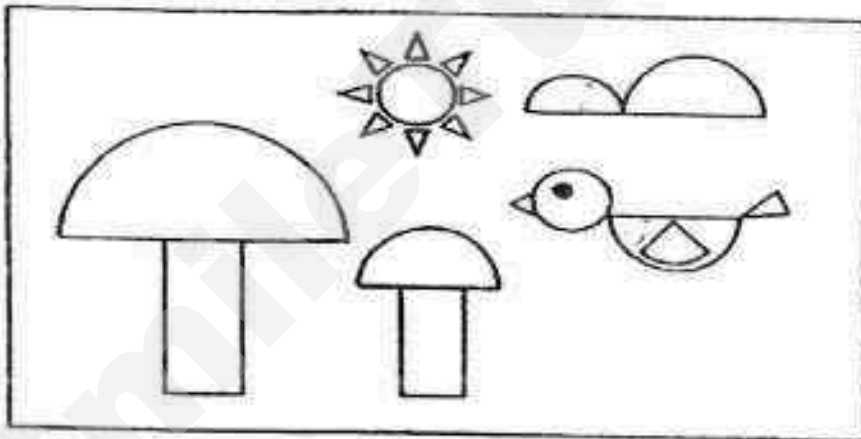
- 16 Stadium X has 2 260 seats. It has 670 more seats than Stadium Y but 530 fewer seats than Stadium Z. How many seats are there in Stadium Y and Stadium Z altogether?

- (1) 1 730
- (2) 2 930
- (3) 4 380
- (4) 4 660

- 17 Which of the following is the same as 6 dollars and 50 cents?

- (1) \$65.00
- (2) \$6.50
- (3) \$6.05
- (4) \$0.65

- 18 How many semi-circles are there in the picture shown below?



- (1) 5
- (2) 2
- (3) 3
- (4) 4

- 19 Josh made 402 paper cranes. He made 3 times as many paper cranes as his brother. How many paper cranes did they make altogether?

- (1) 134
- (2) 536
- (3) 1 206
- (4) 1 608

20 Mr Teo bought 6 identical bottles of drink for \$96. How much would 4 such bottles of drink cost?

- (1) \$16
- (2) \$64
- (3) \$144
- (4) \$384



RED SWASTIKA SCHOOL

2016 SEMESTRAL ASSESSMENT 1

MATHEMATICS

Name : _____ ()

Class : Primary 3 / _____

Date : 9 May 2016

BOOKLET B

25 Questions

60 Marks

In this booklet, you should have the following:

(a) Page 6 to Page 14

(b) Questions 21 to 45

MARKS

	OBTAINED	POSSIBLE
BOOKLET A		40
BOOKLET B		60
TOTAL		100

Parent's Signature : _____

Section B : Short-Answer Questions

Questions 21 to 40 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

- 21 Write 7 014 in words.

Ans: _____

- 22 Arrange the numbers in the box in ascending order, beginning with the smallest number.

7 878 , 7 788 , 7 887 , 7 787

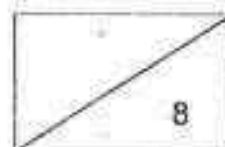
Ans: _____ , _____ , _____ , _____
(smallest) (greatest)

- 23 Peter is thinking of a 4-digit number.
The digit in the ones place is 3 more than the digit in the tens place, but 5 less than the digit in the thousands place. The value of the hundreds place is 600. The digit in the thousands place is the greatest odd number. What is the number Peter is thinking of?

Ans: _____

- 24 What is the difference between the values of digit 2 and digit 9 in 2 094?

Ans: _____



25 6 203 is _____ more than 4 179.

Ans: _____

26 How many hundreds are there in the sum of 3 192 and 4 808?

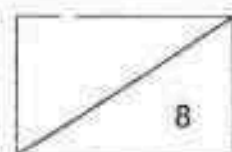
Ans: _____

27 There are 4 217 chickens in a farm. There are 1 023 more ducks than chickens. How many chickens and ducks are there altogether in the farm?

Ans: _____

28 There are 7 216 pebbles in a box. There are 3 908 fewer pebbles in a container. How many pebbles are there in the container?

Ans: _____



29 What number does ☺ stand for?

$$\triangle + \triangle + \square + \square = 312$$

$$\triangle + \square + \text{☺} + \text{☺} = 200$$

Ans: _____

30 $289 \times 5 =$ _____

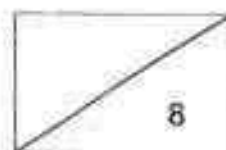
Ans: _____

31 $963 \div 3 =$ _____

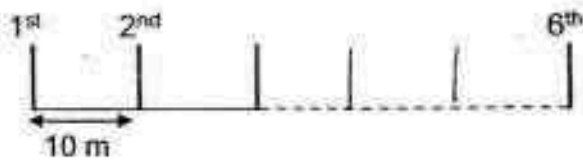
Ans: _____

32 The product of 123 and 4 is the same as the product of 6 and _____

Ans: _____



- 33 Lamp posts are placed along the road at 10 m apart from one another. How far is the 1st lamp post from the 6th lamp post?



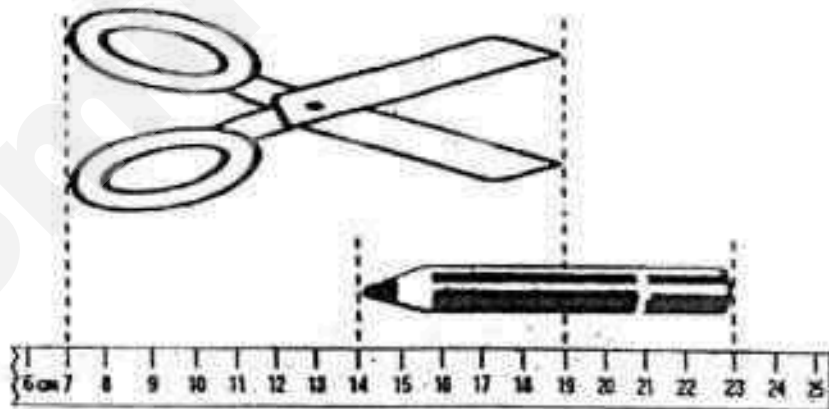
Ans: _____ m

- 34 Arrange the following fractions from the greatest to the smallest.

$$\frac{1}{4}, \frac{1}{6}, \frac{1}{7}, \frac{1}{5}$$

Ans: _____
(greatest) (smallest)

35

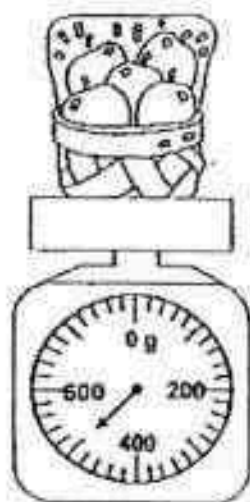


Find the total length of the pencil and scissors shown in the diagram above.

Ans: _____ cm



- 36 The weighing scale shows the mass of a basket of 5 apples. If the mass of the basket is 150 g, what is the mass of the 1 apple?



Ans: _____ g

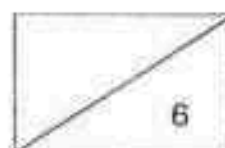
- 37 What is the missing number in the box?

$$\begin{array}{r} 141 \\ 5 \overline{) 7 \square 5} \end{array}$$

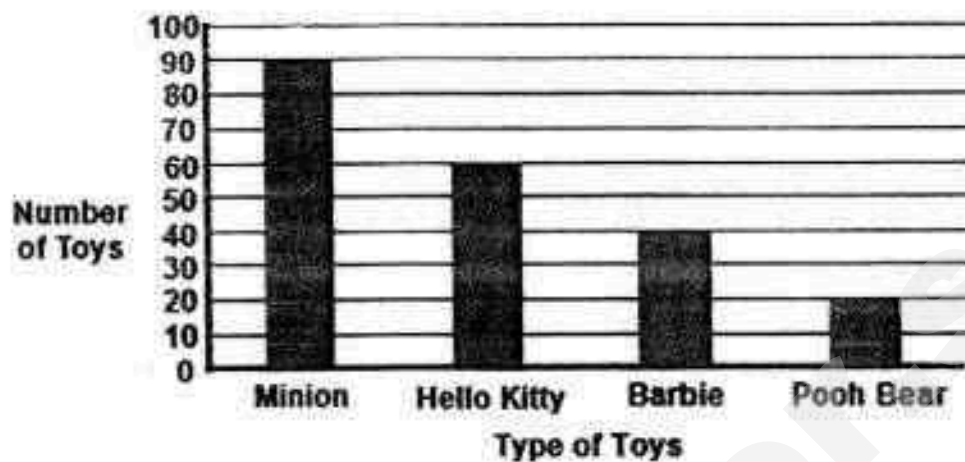
Ans: _____

- 38 Blue pens are sold at 3 for \$4. What is the greatest number of blue pens Yenni can buy with \$14?

Ans: _____



The graph below shows the types of toys sold by a toy shop in a week. Study it carefully and answer Questions 39 and 40.



39 What is the total number of toys sold in the week?

Ans: _____

40 Which type of toys sold is thrice as many as the number of Pooh Bears sold?

Ans: _____



Section C : Long-Answer / Structured Questions

For questions 41 to 45, show your working clearly in the space below each question and write your answers in the spaces provided.

(20 marks)

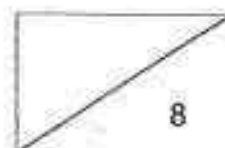
-
- 41 2 085 men and 1 918 women participated in a race.
2 762 of the participants completed the race in less than 3 hours.
- (a) How many participants were there altogether?
- (b) How many participants took more than 3 hours to complete the race?

Ans:(a) _____ [2]

(b) _____ [2]

-
- 42 Kenny had 960 Iphones and some Ipads in his shop. After selling 230 Iphones and buying another 175 Ipads, he had the same number of Iphones and Ipads. How many Ipads did Kenny have at first?

Ans: _____ [4]



- 43 Wendy is 1 m 35 cm tall. She is 28 cm taller than Eden. Adele is half as tall as the total height of Wendy and Eden. What is Adele's height?

Ans: _____ [4]

- 44 Tracy is given a weekly allowance of \$10. She spends \$6 during recess each week and saves the rest. How many weeks will she take to save \$48?

Ans: _____ [4]

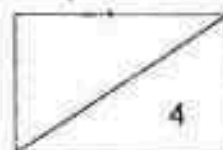


- 45 Mandy and Leon shared 3160 stamps. After Mandy gave Leon 20 stamps, Mandy had 3 times as many stamps as Leon. How many stamps did Leon have at first?

Ans: _____ [4]

END OF PAPER

Did you check your paper? ☺



EXAM PAPER 2016

LEVEL : PRIMARY 3

SCHOOL : RED SWASTIKA SCHOOL

SUBJECT : MATHS

TERM : SA1

Q 1	Q 2	Q 3	Q 4	Q 5	Q 6	Q 7	Q 8	Q 9	Q 10
4	2	3	4	1	1	4	3	3	3
Q 11	Q 12	Q 13	Q 14	Q 15	Q 16	Q 17	Q 18	Q 19	Q 20
4	3	4	1	4	3	2	1	2	2

Q21. Seven thousand and fourteen.

Q22. 7787, 7788, 7878, 7887

Q23. 9614

Q24. 1910

Q25. 2024

Q26. 80

Q27. 9457

Q28. 3308

Q29. 22

Q30. 1445

Q31. 321

Q32. 82

Q33. 50

Q34. $\frac{1}{4}, \frac{1}{5}, \frac{1}{6}, \frac{1}{7}$

Q35. 21

Q36. 70

Q37. 0

Q38. 9

Q39. 210

Q40. Hello kitty

Q41. $2085 + 1918 = 4003$

$4003 - 4762 = 1421$

Answer: a) 4003

b) 1241

Q42. $960 - 230 = 730$

$730 - 175 = 555$ Answer: 555

Q43. $135 - 28 = 107$

$135 + 107 = 242$

$242 \div 2 = 121$ Answer: 121cm

Q44. $10 - 6 = 4$

$48 \div 4 = 12$ Answer: 12

Q45. $3160 \div 4 = 790$

$790 - 20 = 770$ Answer: 770

15

Name: _____ ()

Class: Primary 3 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 3 Mathematics

2016 Semestral Assessment One

Booklet A

10 May 2016

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

This booklet consists of 7 printed pages including the cover pages.

Section A: (15 x 2 marks)

For each question, four options are given. One of the options is the correct answer. Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. Please use only 2B pencil and SHADE the oval completely.

1. Write five thousand, two hundred and eight in numerals.

1) 5028

2) 5208

3) 5218

4) 5280

2. $3824 + \underline{\hspace{2cm}} = 5700$

1) 1876

2) 1886

3) 2124

4) 2276

3. 4956 has the same value as $\underline{\hspace{2cm}}$

1) $4000 + 9 + 50 + 600$

2) $4000 + 90 + 50 + 6$

3) $4000 + 900 + 50 + 6$

4) $4000 + 900 + 50 + 60$

4. What is the remainder when 779 is divided by 7?

- 1) 1
- 2) 2
- 3) 3
- 4) 4

5. $\square \times \triangle = 36$

\square and \triangle are two different 1-digit numbers.

What can \square be?

- 1) 6
- 2) 7
- 3) 8
- 4) 9

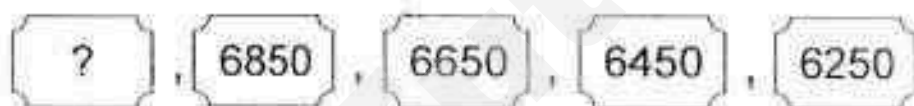
6. $\$ 309.05 + \$ 27.65 =$ _____

- 1) \$ 326.60
- 2) \$ 336.60
- 3) \$ 336.70
- 4) \$ 338.70

7. What is the greatest 4-digit odd number that can be formed using the digits 1, 2, 0 and 3?

- 1) 3201
- 2) 3210
- 3) 2301
- 4) 2310

8. Complete the number pattern below.



- 1) 6750
 - 2) 6950
 - 3) 7050
 - 4) 7150
9. Emma has 256 marbles. She has 30 fewer marbles than Siti. How many marbles do they have altogether?

- 1) 226
- 2) 286
- 3) 482
- 4) 542

10. Greta sold 750 hair clips. Zi Yi sold 3 times as many hair clips as Greta. How many hair clips did Zi Yi sell?

1) 250
2) 375
3) 2250
4) 3000

11. A car can seat 7 people at most. What is the smallest number of cars needed to seat 153 people?

1) 21
2) 22
3) 23
4) 24

12. Sal had 124 cookies. Hui Xin had 245 more cookies than Sal. Ali had 67 fewer cookies than Hui Xin. How many cookies did Ali have?

1) 178
2) 188
3) 302
4) 369

13. I am thinking of a number. The number is smaller than 40. It can be found in both the multiplication tables of 6 and 8. What number am I thinking of?

1) 12
2) 16
3) 24
4) 28

14. Mdm Ng had 36 students. She gave each student 5 stickers and had 3 stickers left. How many stickers did Mdm Ng have at first?

1) 98
2) 180
3) 183
4) 288

15. Isaac had a total of \$10. There were 3 two-dollar notes and some fifty-cent coins. How many fifty-cent coins did he have?

1) 8
2) 7
3) 6
4) 4

Name: _____ ()

Class : Primary 3 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 3 Mathematics

2016 Semestral Assessment One

Booklet B

10 May 2016

Booklet A :	/ 30
Booklet B :	/ 50
Total :	/ 80

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

This booklet consists of 10 printed pages including the cover page.

Section B: (15 x 2 marks)

Write down your answers in the spaces provided. For questions which require units, give your answers in the units stated. Show all workings clearly.

Do not
write in
this
space

16. Write 6012 in words.

Ans: _____

17. Arrange the following numbers in order. Begin with the greatest.

371

3476

3732

349

Ans: _____
(greatest)

18. What is 8 groups of 8?

Ans: _____

19. Fill in the missing number in the box.

$\div 5 = 30$

Ans: _____

20. What is the product of 703 and 3?

Do not
write in
this
space

Ans: _____

21. Ronald put 280 tarts equally into 7 containers. How many tarts did he put into each container?

Ans: _____

22. Aiken bought a bun for 65 ¢ and a packet of milk for 80 ¢. He paid the cashier \$2. How much change did he receive?

Ans: \$ _____



Do not
write in
this
space

23. Edith bought 42 sweets. She bought 6 times as many sweets as Yi Ting. How many sweets did Yi Ting buy?

Ans : _____

24. Jason had \$476. He paid \$127.30 for a pair of sports shoes. How much money did he have left?

Ans : \$ _____

25. Mrs Foong bought a flask that cost \$25. She also bought a rice cooker that cost \$130 more than the flask. How much money did she spend in all?

Ans : \$ _____



26.

There were 170 brochures. Mrs Samad packed some of these brochures equally into 3 bundles. She had 85 brochures left. How many brochures were there in each bundle?

Do not
write in
this
space

Ans : _____

27.

Miss Ho bought some chocolate bars and paid \$24 for them. How many chocolate bars did she buy?



Ans : _____

28.

Rosie made 90 kaya buns and vanilla buns altogether. She made 9 times as many kaya buns as vanilla buns. How many more kaya buns than vanilla buns did she make?

Ans : _____



29.

Xiao Min collected plastic bottles for a recycling campaign. The table below shows the number of plastic bottles she had collected. If the pattern continues, how many plastic bottles would she have collected in Week 6?

Do not
write in
this
space

Number of Weeks	Number of Bottles Collected
Week 1	5
Week 2	7
Week 3	11
Week 4	17
Week 5	25
Week 6	?

Ans: _____

30.

Brandon had \$50. He bought 2 items that cost more than \$40 at a book fair. Which 2 items did he buy?



A box of
crayons
\$18.80



Rubik's
cube
\$7.90



Hole
puncher
\$26.50



Dictionary
\$32.00

Ans: _____ and _____



Section C: (20 marks)

Do not
write in
this
space

For questions 31 to 36, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question.

31. At the Art Museum, there were 6831 visitors. 4724 of them were adults and the rest were children. How many more adults than children were there?

Ans : _____ [3]

32. There are a total of 50 bicycles and cars. The cars have a total of 156 wheels. How many bicycles are there? (Note : A bicycle has 2 wheels and a car has 4 wheels)

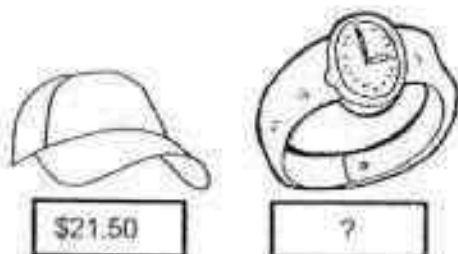
Ans : _____ [3]



33

Wei Qiang had \$90. He bought a watch and a cap. The cap cost \$21.50. Wei Qiang had \$12.70 left. How much did the watch cost?

Do not
write in
this
space



Ans: _____ [3]

34

There are 6 boxes. Each box has 26 cups. On each cup, there are 3 letters printed on it. How many letters are printed on the cups altogether?

Ans: _____ [3]



35.

Jerilee has \$4502. Prisca has \$646.

(a) How much more money does Jerilee have than Prisca?

(b) How much money must Jerilee give to Prisca so that both of them have the same amount of money?

Do not
write in
this
space

Ans (a) _____ [2]

(b) _____ [2]



36.

Mrs Tan bought some chairs, tables and lamps for her new cafe. She bought twice as many chairs as lamps. There were 133 lamps. She also bought 27 fewer tables than chairs.

Do not
write in
this
space

- (a) How many chairs did she buy?
(b) How many tables did she buy?

Ans : (a) _____ [2]

(b) _____ [2]



****END OF PAPER****

YEAR : 2016
 LEVEL : PRIMARY 3
 SCHOOL : CHIJ ST NICHOLAS GIRLS'
 SUBJECT : MATHEMATICS
 TERM : SA1

Booklet A

Q1	2	Q6	3	Q11	2
Q2	1	Q7	1	Q12	3
Q3	3	Q8	3	Q13	3
Q4	2	Q9	4	Q14	3
Q5	4	Q10	3	Q15	1

Booklet B

- Q16 Six thousand and twelve.
- Q17 3732, 3476, 371, 349
- Q18 $8 \times 8 \Rightarrow 64$
- Q19 $150 \div 5 = 30$
- Q20 $703 \times 3 \Rightarrow 2109$
- Q21 $280 \div 7 \Rightarrow 40$ tarts
- Q22 $\$0.65 + \$0.80 \rightarrow \$1.45$
 $\$2 - \$1.45 \Rightarrow \$0.55$
- Q23 $42 \div 6 \Rightarrow 7$ sweets
- Q24 $\$476.00 - \$127.30 \Rightarrow \$348.70$
- Q25 Flask $\rightarrow \$25$
 Rice cooker $\rightarrow \$25 + \$130 = \$155$
 Total spent $\Rightarrow \$180$

- Q26 $170 - 65 \rightarrow 105$
 $105 \div 3 \Rightarrow 35$
- Q27 $24 \div 8 \rightarrow 3$
 $3 \times 3 \Rightarrow 9$
- Q28 72 more kaya buns
- Q29 $25 + 10 \Rightarrow 35$ plastic bottles
- Q30 $\$18.80 + \$26.50 \rightarrow \$45.30$
A box of crayons and Hole puncher
- Q31 Children $\rightarrow 6831 - 4724 = 2107$
 $4724 - 2107 \Rightarrow 2617$ more adults
- Q32 Total cars $\rightarrow 156 \div 4 = 39$
 $50 - 39 \Rightarrow 11$ bicycles
- Q33 $\$90 - \$21.50 \rightarrow \$68.50$
 $\$68.50 - \$12.70 \Rightarrow \$55.80$
- Q34 $26 \times 6 \rightarrow 156$
 $156 \times 3 \Rightarrow 468$ letters
- Q35 (a) $\$4502 - \$646 \Rightarrow \$3856$
(b) $\$3856 \div 2 \Rightarrow \1928
- Q36 (a) $133 \times 2 \Rightarrow 266$ chairs
(b) $266 - 27 \Rightarrow 239$ tables

End



NANYANG PRIMARY SCHOOL

**SECOND SEMESTRAL EXAMINATION
2016**

**PRIMARY 3
MATHEMATICS**

DURATION: 1 HOUR 45 MINUTES

Section A	/ 40
Section B	/ 40
Section C	/ 20

Total: / 100

Name: _____ ()

Class: Primary 3 ()

Date: _____

Any query on marks awarded should be raised by **4th November 2016**.
We seek your understanding in this matter as any delay in the
confirmation of marks will lead to delays in the generation of results.

Parent's Signature: _____

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.
ANSWER ALL QUESTIONS.**

Section A

Questions 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(Total: 40 marks)

1. There are _____ in 9114.

- (1) 90 hundreds, 11 tens and 4 ones
- (2) 90 hundreds, 11 hundreds and 4 ones
- (3) 90 thousands, 11 tens and 4 ones
- (4) 90 thousands, 11 hundreds and 4 ones

2. Which set of numbers below are arranged from the smallest to the greatest?

- | | |
|----------------------|----------------------|
| (1) 8811, 8181, 8118 | (2) 8811, 8118, 8181 |
| (3) 8118, 8181, 8811 | (4) 8118, 8811, 8181 |

3. Find the sum of 6903 and 1660.

- | | |
|----------|----------|
| (1) 7069 | (2) 7563 |
| (3) 8509 | (4) 8563 |

4. $984 + 8 =$

- | | |
|---------|---------|
| (1) 110 | (2) 118 |
| (3) 123 | (4) 992 |

5. $\$19.35 + \$1.80 =$

- | | |
|-------------|-------------|
| (1) \$20.15 | (2) \$21.10 |
| (3) \$21.15 | (4) \$37.35 |

6. Express 4 ℓ in ml.

- (1) 4000 ml
(3) 40 ml

- (2) 400 ml
(4) 4 ml

7. Which one of the following fractions is equivalent to $\frac{1}{3}$?

- (1) $\frac{2}{4}$
(3) $\frac{3}{9}$

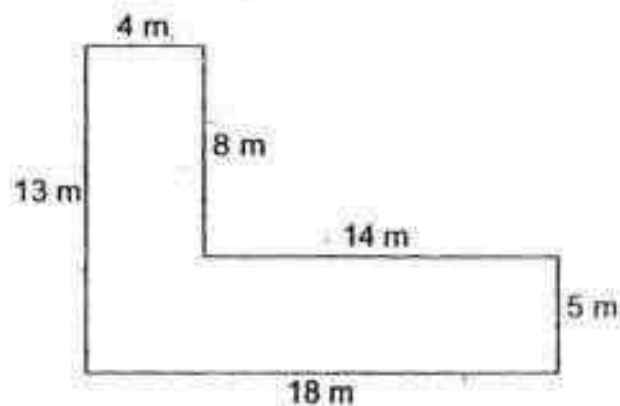
- (2) $\frac{2}{3}$
(4) $\frac{1}{4}$

8. What is $\frac{8}{10}$ in its simplest form?

- (1) $\frac{2}{5}$
(3) $\frac{6}{8}$

- (2) $\frac{4}{5}$
(4) $\frac{10}{12}$

9. Find the perimeter of the figure below.



- (1) 49 m
(3) 67 m

- (2) 62 m
(4) 72 m

10. $6000 + 500 - 40 = 3040 + \boxed{}$

(1) 3060

(2) 3420

(3) 3500

(4) 3520

11. The sum of 2 numbers is 5930.
The greater number is 3490.
What is the smaller number?

(1) 9420

(2) 2560

(3) 2540

(4) 2440

12. Andrea bought 26 cookies.
Chandra bought 7 times as many cookies as Andrea.
How many cookies did Chandra buy?

(1) 175

(2) 176

(3) 182

(4) 188

13. Bryan had a box containing 712 darts.
He gave the darts equally to his 9 friends.
How many darts were left over in the box?

(1) 1

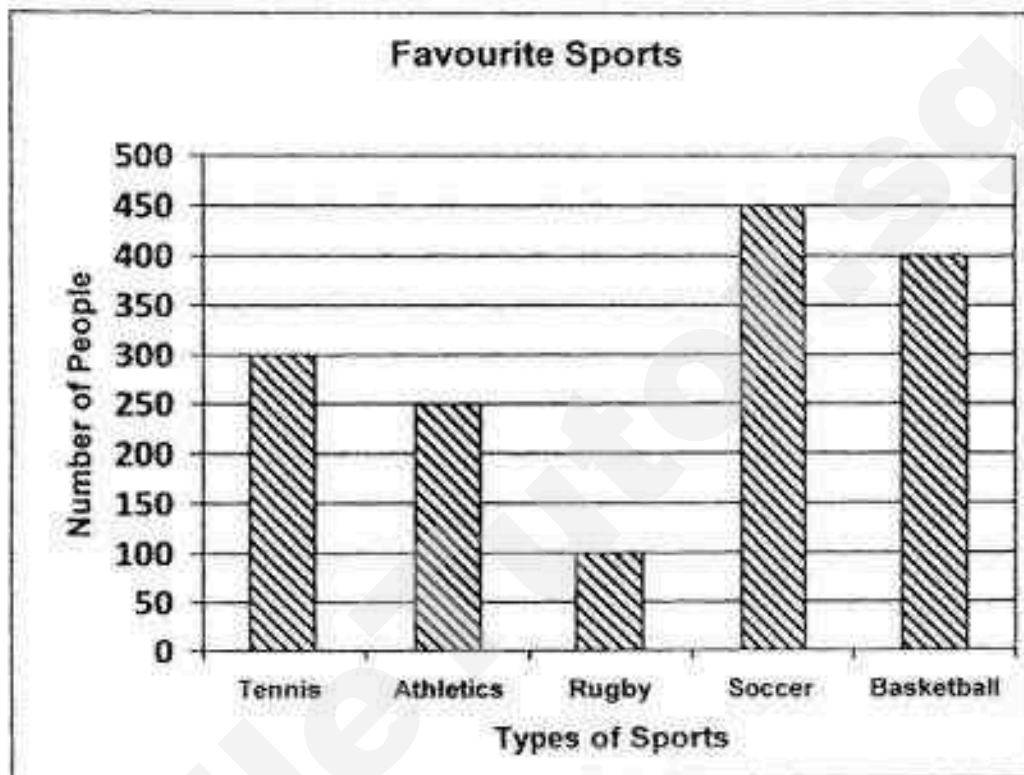
(2) 2

(3) 3

(4) 4

Study the bar graph below carefully and answer Questions 14 and 15.

The bar graph below shows the number of people who have chosen their favourite sport in a survey.



14. How many more people chose basketball than rugby as their favourite sport?

(1) 100 (2) 250
(3) 300 (4) 400

15. A total of 750 people chose _____ and _____ as their favourite sport.

(1) Tennis and Basketball (2) Soccer and Basketball
(3) Tennis and Athletics (4) Soccer and Tennis

16. There were 2500 pupils in a school.
678 pupils went out for the National Day rehearsal and the rest of them remained in school.
Of those pupils that remained in school, 789 of them were boys.
How many girls remained in school?
- | | | | |
|-----|------|-----|------|
| (1) | 1033 | (2) | 1043 |
| (3) | 1822 | (4) | 2033 |

17. Esther made 48 paper stars.
Faiza made 8 times as many paper stars as Esther.
Gurmit made 10 times as many paper stars as Esther.
How many paper stars did Faiza and Gurmit make altogether?
- | | | | |
|-----|-----|-----|-----|
| (1) | 764 | (2) | 856 |
| (3) | 864 | (4) | 912 |

18. Hitomi bought 477 stalks of sunflowers.
She bundled the stalks of sunflowers into groups of 7.
How many bundles of sunflowers were there?
- | | | | |
|-----|----|-----|----|
| (1) | 78 | (2) | 71 |
| (3) | 69 | (4) | 68 |

19. John's rope is 330 cm.
His rope is 120 cm longer than Sarah's rope.
What is the total length of the two ropes?
- | | | | |
|-----|--------|-----|--------|
| (1) | 210 cm | (2) | 450 cm |
| (3) | 540 cm | (4) | 780 cm |

20. There are some cows and ducks at a farm.
There are thrice as many ducks as cows.
The total number of legs from the cows and ducks is 60.
How many cows are there?

(1) 5
(3) 7

(2) 6
(4) 8

Section B

Questions 21 to 40 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. Marks will be awarded for relevant number equations. For questions which require units, give your answers in the units stated.

(Total: 40 marks)

21. Write in numerals.

(a) Four thousand, one hundred and nineteen	
(b) Seven thousand, six hundred and six	

22. Study the pattern below.
Find the missing number.

3993, 4093, 4193, _____, 4393, 4493

Answer: _____

23. What is the product of 608 and 6?

Answer: _____

24. What is the missing denominator?

$$\frac{5}{6} = \frac{10}{\boxed{?}}$$

Answer: _____

25. Zunar bought a book that cost \$18.55 and a fountain pen that cost \$69.90 at a bookshop.
He received \$1.55 in change.
How much money did he give the cashier?

Answer: \$ _____

26. Ariel hiked 6022 m in a hiking event.
Shirlene hiked 1500 m more than Ariel in the same event.
What was the distance covered by Shirlene?
Give your answer in kilometres and metres.

Answer: _____ km _____ m

27. Mrs Tan had 9250 g of flour at first.
She then used 2152 g of flour and gave 1000 g of flour to her sister.
How much flour did she have left?
Give your answer in kilograms and grams.

Answer: _____ kg _____ g

28. Kanthea started painting a picture at 9.00 a.m.
She stopped painting for 45 minutes to have her lunch and continued painting until 2.30 p.m.
How long did Kanthea spend painting the picture?
Give your answer in h and min.

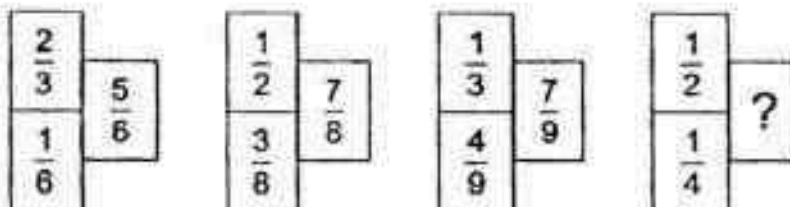
Answer: _____ h _____ min

29. Arrange the following fractions in descending order.

$$\frac{3}{4}, \frac{2}{3}, \frac{11}{12}$$

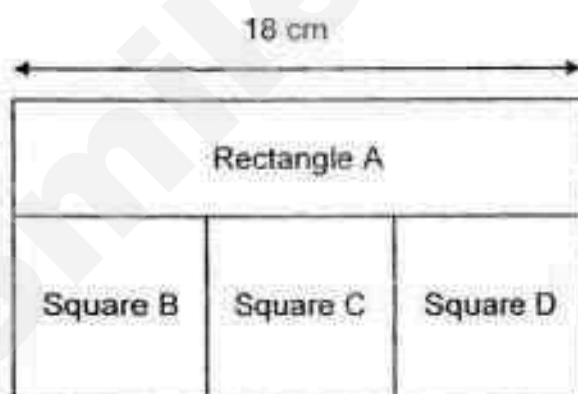
Answer: _____, _____, _____

30. Study the pattern below.
Find the missing fraction.



Answer: _____

31. The figure below is made up of Rectangle A and 3 identical squares.
The length of Rectangle A is 18 cm.
Find the area of Square C.



Answer: _____ cm²

32. A bus with some passengers left a bus interchange and headed towards its first stop.
At the first stop, 6 passengers got onto the bus and no passengers got off from it.
At the second stop, 15 passengers got off from the bus and no passengers got onto it.
There were 29 passengers in the bus after it left the second stop.
Find the number of passengers in the bus when it left the bus interchange.

At bus interchange

First Stop

Second Stop



Answer: _____

33. I am an even number formed with the digits 0, 4, 5 and 8.
I am between 8000 and 8400.
What number am I?

Answer: _____

34. Ryan wants to build a model of an aeroplane and a ship using ice cream sticks.

The ship model needs 3090 ice cream sticks while the aeroplane model need 221 more ice cream sticks than the ship model.

How many ice cream sticks does Ryan need to build both models?

Answer: _____

35. 237 people watched a movie over the weekend.

There were twice as many children as adults.

How many children watched the movie?

Answer: _____

36. A tank had 4330 ml of water at first.

3520 ml of water was removed from the tank.

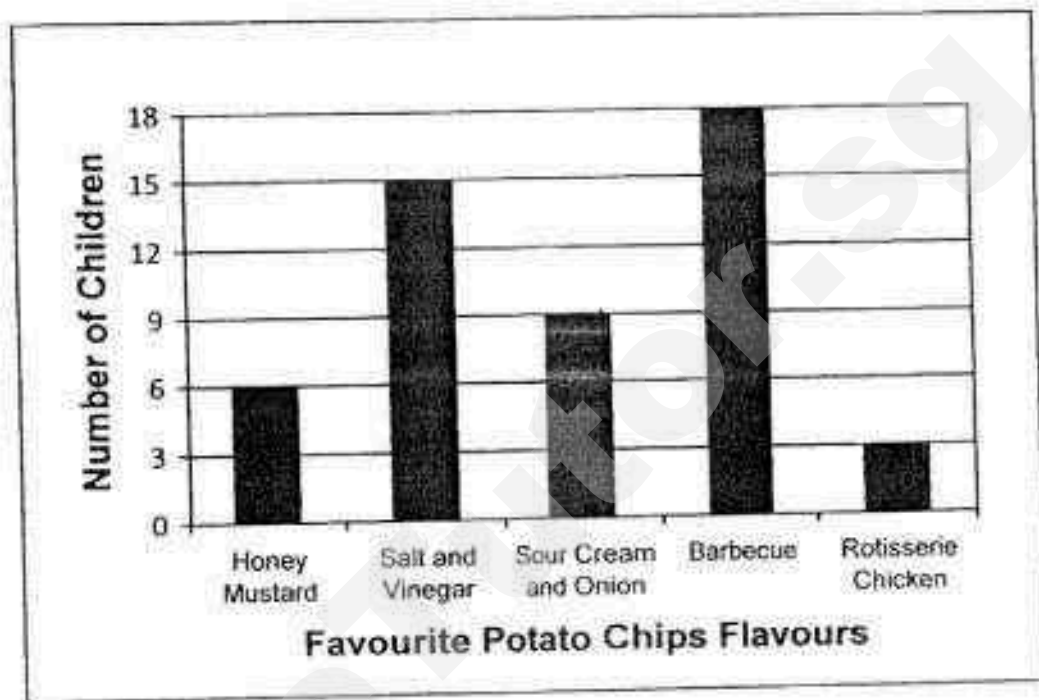
The remaining amount of water in the tank was poured equally into 6 containers.

How much water was there in each container?

Answer: _____ ml

Study the bar graph below carefully and answer Questions 37 and 38.

The bar graph below shows the number of children who like different types of potato chips flavours.



37. How many children like "Sour Cream and Onion" potato chips flavour?

Answer: _____

38. The number of children who like _____ flavour is 5 times the number of children who like Rotisserie Chicken flavour.

Answer: _____

39. The information below shows how Lina spent her time on a Monday morning.

- Lina woke up at 7.30 a.m.
- She left home for the park 40 minutes after she woke up.
- She reached the park at 8.40 a.m.
- She left the park at 10.05 a.m.

For each sentence below, put a tick (✓) in the box if the sentence is true.

Lina woke up at half past 7 in the morning.

☐

Lina left home at 8.20 a.m.

☐

Lina spent 85 min in the park.

☐

Lina left the park at 5 minutes after 10 in the morning.

☐

40. There were 40 pupils in a class.
28 of them got an A in a Mathematics test.
22 of them got an A in a Science test.
Every pupil got at least an A in the Mathematics test or Science test.
How many of them got an A in both the Mathematics test and Science test?

Answer : _____

Section C

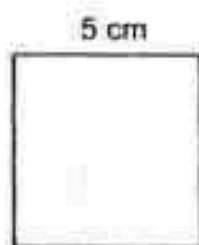
Questions 41 to 45 carry 4 marks each. Do these word problems carefully. Show your working clearly in the space provided below each question. Marks will be awarded for relevant number equations and word statement.

(Total: 20 marks)

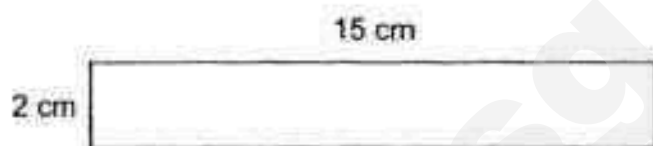
41. A car journey from Singapore to Malacca would take 3 h 10 min.
A bus journey from Singapore to Malacca would take 4 h 30 min.
(a) Natalia chose to drive instead of taking the bus, how many minutes earlier would she reach Malacca?

- (b) A bus left Singapore at 8.15 a.m.
What time would the bus reach Malacca?

42. The figures below show a square and a rectangle.



Square



Rectangle

- (a) Find the perimeter of the rectangle.

- (b) Find the difference between the area of the rectangle and the area of the square.

43. There were 3440 fiction books and some non-fiction books at a book sale at first.
During the sale, 1990 fiction books were sold.
214 fewer non-fiction books than fiction books were sold.
(a) How many non-fiction books were sold during the sale?

- (b) How many fiction books were left after the sale?

44. Priyanka had a box containing brown, green and orange cards.
There were 464 green cards.
There were 301 fewer green cards than orange cards.
(a) How many orange cards were there?

- (b) Priyanka gave away all her brown cards equally to her 6 friends.
Each of her 6 friends received 95 brown cards.
How many brown cards did Priyanka have at first?

45.



Chocolate

\$5.20



Orange
juice

\$2.70



Soy
sauce

\$3.75



Tomato
ketchup

\$1.25

The picture above shows some of the items that can be found at a supermarket.

- (a) James bought 2 bars of chocolate and a carton of orange juice.
How much did he spend?

- (b) Kelly bought three different items.
She gave a fifty-dollar note to the cashier and received \$39.80 as
change.
What were the three items that Kelly bought?

☺ End of Paper ☺
Please Check Carefully

EXAM PAPER 2016

LEVEL : PRIMARY 3

SCHOOL : NANANG PRIMARY SCHOOL

SUBJECT : MATH

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
1	3	4	3	3	1	3	2	2	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	3	1	3	4	1	3	4	3	2

Q21a. 4119 Q21b. 7606 Q22. 4293 Q23. 3648 Q24. 12

Q25. 90.00 Q26. 7km 522m Q27. 6kg 98g Q28. 4h 45min

Q29. $\frac{1}{12}, \frac{3}{4}, \frac{2}{3}$ Q30. $\frac{3}{4}$ Q31. 36 Q32. 38 passengers Q33. 8054

Q34. 6401 Q35. 158 Q36. 135 Q37. 9 children

Q38. Salt and vinegar

Q39. Lina woke up at half past 7 in the morning, Lina left the park at 5 minutes after 10 minutes in the morning.

Q40. 10 pupils

Q41. 4h 30min - 3h 10min = 80min
8.15 → 4h 30 min → 12.45pm Answer: a) 80 min b) 12.45pm

Q42. $(15 + 2) \times 2 = 34$
 $15 \times 2 = 30$
 $5 \times 5 = 25$
 $30 - 25 = 5$ Answer: a) 34cm b) 5cm^2

Q43. $1900 - 214 = 1776$
 $3400 - 1990 = 1450$ Answer: a) 1776 b) 1450

Q44. $464 + 391 = 855$
 $95 \times 6 = 570$ Answer: a) 855 b) 570

a)
Q45. $5.20 \times 2 = 10.40$
 $10.40 + 2.70 + 13.10$
b) $50 - 39.80 = 10.20$
 $5.20 + 3.75 + 1.25 = 10.20$ Answer: She bought the chocolate soy sauce and tomato ketchup.



Rosyth School
Second Semestral Assessment 2016
Mathematics
Primary 3



Name : _____

Class : Pr 3-_____ Register No: _____ Duration : 1 hr 45 min

Date : 27 October 2016 Parent's Signature : _____

Instructions to Pupils:

1. Do not open this booklet until you are told to do so.
2. Follow all instructions carefully.
3. This paper consists of 3 parts – Sections A, B and C.
4. For questions 1 to 15 in Section A, shade the correct ovals on the Optical Answer Sheet (OAS).
5. ANSWER ALL THE QUESTIONS.

	Maximum Marks	Marks Obtained
Section A	25	
Section B	35	
Section C	20	
Total	80	

This paper consists of 20 printed pages altogether, including the cover page.

Section A (25 marks)

Questions 1 to 5 carry 1 mark each. Questions 6 to 15 carry 2 marks each.
For questions 1 to 15, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS) provided.

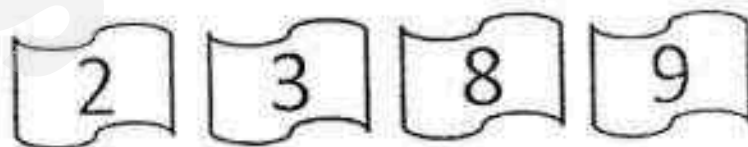
1. In 4582, the digit 5 is in the _____ place.

- (1) ones
- (2) tens
- (3) hundreds
- (4) thousands

2. Express 7 thousand and 21 tens in numerals.

- (1) 721
- (2) 7021
- (3) 7120
- (4) 7210

3. Form the smallest 4-digit even number using the following digits.



- (1) 2389
- (2) 2398
- (3) 9823
- (4) 9832

4. What is the difference between 6781 and 384?

(1) 6397

(2) 6417

(3) 6403

(4) 7165

5. What is the product of 4 and 28?

(1) 7

(2) 24

(3) 32

(4) 112

6. What is the remainder when 679 is divided by 3?

(1) 1

(2) 2

(3) 3

(4) 0

7. How many fours are there in 424?

(1) 1

(2) 16

(3) 106

(4) 160

8. There are _____ cents in \$2.

(1) 20

(2) 2

(3) 200

(4) 2000

9. Express 5 ℓ 150 $m\ell$ in millilitres.

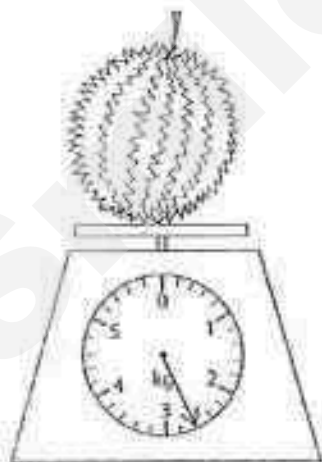
(1) 515 $m\ell$

(2) 5015 $m\ell$

(3) 5115 $m\ell$

(4) 5150 $m\ell$

10. Find the mass of the durian.



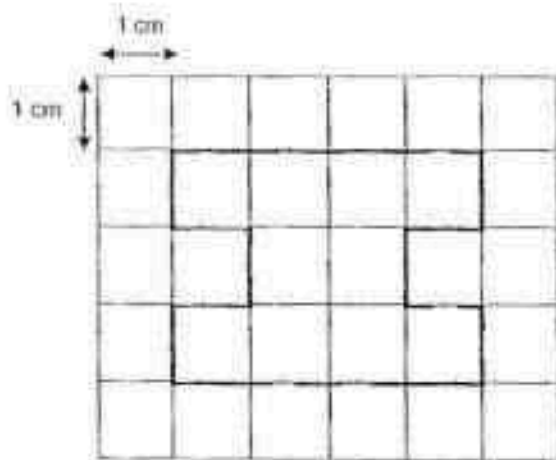
(1) 2 kg 30 g

(2) 2 kg 300 g

(3) 2 kg 60 g

(4) 2 kg 600 g

11. The perimeter of the figure below is _____ cm.



- (1) 10
- (2) 13
- (3) 14
- (4) 18

12. 1890 students attended a school carnival. 624 of them were girls, while the rest were boys. How many boys were at the sports carnival?

- (1) 1266
- (2) 1274
- (3) 1276
- (4) 2514

13. David put some marbles into 36 boxes. He placed 4 marbles in each box and had 2 marbles left. How many marbles did he have at first?

(1) 124

(2) 142

(3) 144

(4) 146

14. John ate $\frac{1}{2}$ of the cake, while Daphne ate $\frac{1}{8}$ of the same cake. What fraction of the cake did they eat in all?

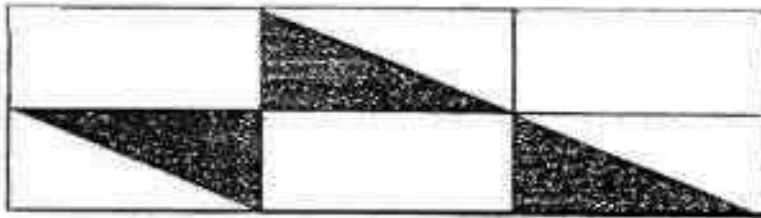
(1) $\frac{2}{8}$

(2) $\frac{3}{8}$

(3) $\frac{5}{8}$

(4) $\frac{6}{8}$

15. What fraction of the figure is shaded?



(1) $\frac{1}{4}$

(2) $\frac{1}{3}$

(3) $\frac{1}{2}$

(4) $\frac{2}{3}$

Section B (35 marks)

Do not write
in this space

Questions 16 to 20 carry 1 mark each. Questions 21 to 35 carry 2 marks each. Show your working clearly in the space below each question and write your answer in the answer boxes provided. Give your answers in the units stated.

16. Write eight thousand, four hundred and five in numerals.

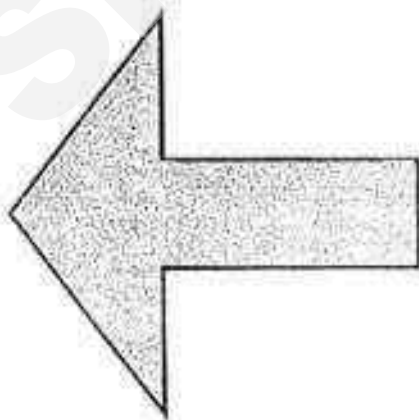
Answer: _____

17. Which letter/(s) have both perpendicular and parallel lines?

ENGLISH

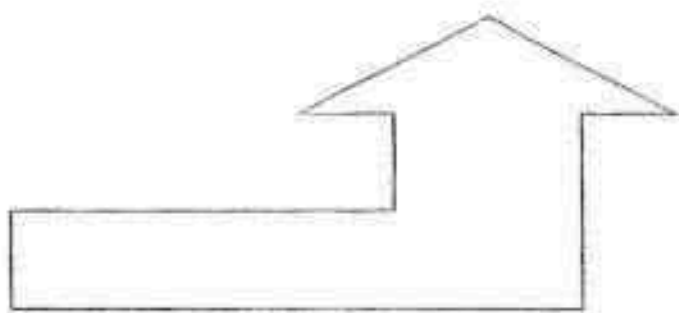
Answer: _____

18. Find the number of angles in the figure below.



Answer: _____

19. How many angles are greater than a right angle in the figure below?

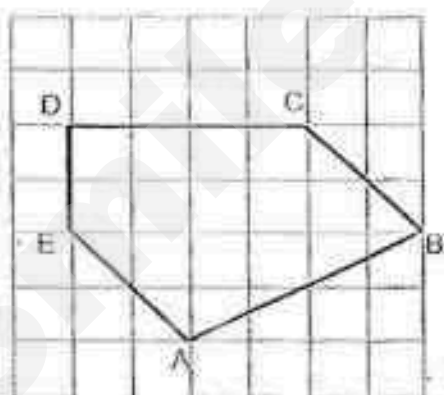


Do not write
in this space

Answer: _____



20. Name the pair of perpendicular lines in this figure:



Answer: _____



21. Study the diagram carefully.

$$\star + \text{😊} + \triangle = 30$$

$$\star \times \star = 36$$

$$\star^6 \times \triangle = 30$$

Find 😊

Answer: _____

22. 568 less than 6587 is _____

Answer: _____

23. Fill in the missing number.

$$\frac{1}{4} = \frac{2}{8} = \frac{\square}{12}$$

Answer: _____

24. Arrange the following fractions in order. Begin with the greatest.

Do not write
in this space

Answer: _____
greatest

25. Find the sum of $\frac{1}{2}$ and $\frac{1}{4}$. Leave your answer in the simplest form.

Answer: _____

26. Express 9 m 27 cm in cm.

Answer: _____ cm

Do not write
in this space

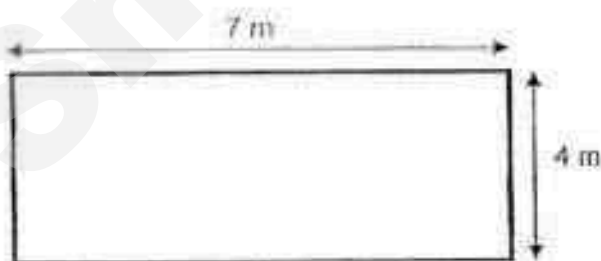
27. $\$2.65 + \boxed{?} = \10

Answer: \$ _____

28. $5 \text{ kg } 20 \text{ g} = \text{_____ g}$

Answer: _____ g

29. Find the area of the rectangle below.



Answer: _____ m^2

30. The perimeter of a square field is 64 m. Find the length of the field.

Do not write
in this space

Answer: _____ m

☐

31. There are 732 spectators at the Sports Hub.
There are 98 more adults than children.
How many children are there?

Answer: _____

☐

32. David had $\frac{5}{9}$ of an apple pie, and he ate $\frac{1}{3}$ of it.
What fraction of David's pie was left?

Answer: _____

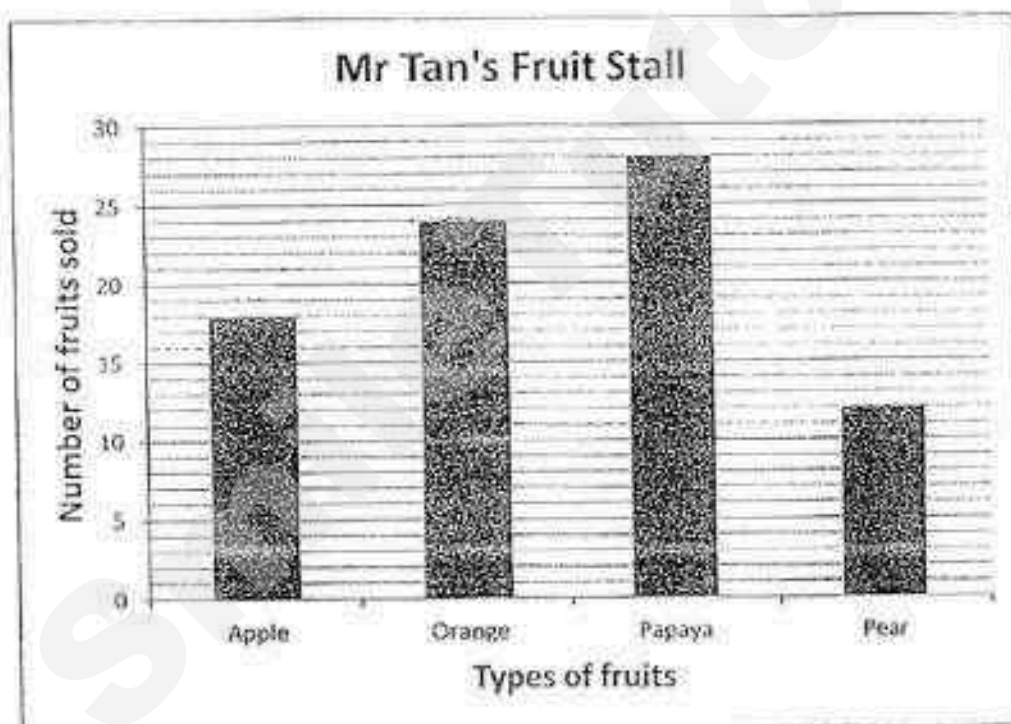
☐

33. Shawn had 10 boxes of pens. In each box, there were 8 pens. He then repacked them into bundles of 6. How many pens would be left over?

Do not write
in this space

Answer: _____

34. The bar graph below shows the number of fruits Mr Tan sold last week.



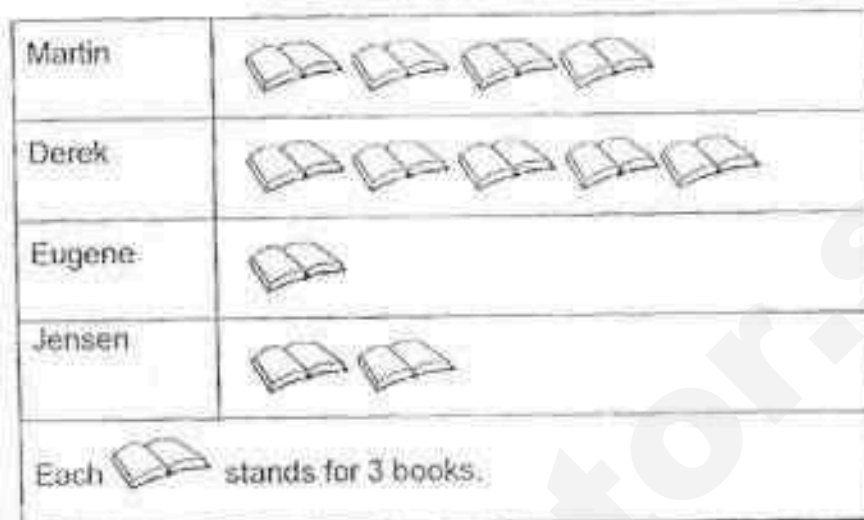
- a) Which fruit was sold twice as many as pears?
b) What is the total number of apples and papayas sold by Mr Tan?

Answer: (a) _____

(b) _____

Do not write
in this space

35. The picture graph below shows the number of books read by four children.



How many more books did Derek read than Jensen?

Answer: _____



Section C (20 marks)

Do not write
in this space

For questions 36 to 40, show your working and statements clearly in the space below each question and write your answers in the blanks provided. The marks for each question or part question are given in the brackets. Show your units clearly.

36. Amanda, Brenda and Cathleen had some stickers.

Amanda has 787 stickers more than Brenda.

Cathleen has 345 stickers less than Brenda.

If Cathleen has 890 stickers, how many stickers does Amanda have?

Answer

[4]

37. The total cost of a television set and a fan is \$880.
The television set costs 4 times as much as the fan.
Find the cost of the television set.

Do not write
in this space

Answer: _____ [4]



Do not write
in this space

38. Gary, Hamid and Indra shared a total of 225 sweets.

Indra had 3 times as many sweets as Hamid.

Hamid had twice as many sweets as Gary.

How many sweets did Indra have?

Answer: _____ [4]

39 There was 540 ml of water in a flask.

The capacity of the flask was 1500 ml.

4 more cups of water were needed to fill the flask completely.

What is the capacity of the cup?

Do not write
in this space

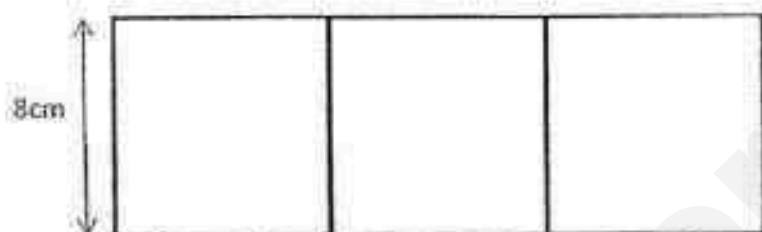
Answer: _____ [4]

☐

Do not write
in this space

40. As shown in the figure below, 3 square tiles are placed side by side to form a rectangle. Given the length of each square is 8cm,

- a) What is the length of the rectangle?
b) What is the area of the rectangular figure?



Answer: (a) _____ [2]

(b) _____ [2]

End of paper

EXAM PAPER 2016 (P3)

SCHOOL : ROSYTH

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	2	1	4	1	3	3	4	4
Q11	Q12	Q13	Q14	Q15					
4	1	4	3	1					

16)8405 17)E and H 18)7 19)4 20)CD and DE 21)19

22)6019 23)3 24) $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{12}$ 25) $\frac{3}{4}$ 26)927 cm

27)\$7.35 28)5020 29)28m² 30)16m

31)732 - 98 = 634

$$634 \div 2 = 317$$

32)2/9

33)10 x 8 = 80

$$80 \div 6 = 13 \text{ R}2$$

34)a)Orange

$$\text{b)} 28 + 18 = 46$$

35) $15 - 6 = 9$

36) $890 + 787 + 345 = 2022$

Amanda has 2022 stickers.

37) $1u = 880 \div 5 = 176$

Television set = $176 \times 4 = 704$

The cost is \$704.

38) $225 \div 9 = 25$

1 unit $\rightarrow 25$

6 units $\rightarrow 25 \times 6 = 150$

Indra has 150 sweets.

39) $1500 - 540 = 960$

$960 \div 4 = 240\text{ml}$

The capacity of the cup is 240ml.

40) a) $8 \times 3 = 24$

The length is 24cm.

b) $24 \times 8 = 192\text{cm}^2$

The area is 192 cm²

Pei Chun Public School
Semestral Assessment 2 – 2016
Mathematics
Primary 3

Name : _____ ()

Class : Primary 3 _____

Date : 25 October 2016

Time : 1 h 45 min

Maths Teacher : _____

Parent's Signature : _____

Section A	20
Section B	38
Section C	22
TOTAL	80

Section A

Questions 1 to 10 carry 2 marks each. For each question, choose the correct answer and write its number in the brackets provided.

(20 marks)

1. What is the value of the digit 7 in 8753?

(1) 7

(2) 70

(3) 700

(4) 7000

()

2. Find the sum of 1856 and 2348.

(1) 3194

(2) 3294

(3) 4104

(4) 4204

()

3. Find the product of 84 and 6.

(1) 14

(2) 484

(3) 504

(4) 604

()

4. Express 10 km 85 m in metres.

(1) 1085 m

(2) 10 085 m

(3) 10 805 m

(4) 10 850 m

()

5. What is the time shown on the clock face below?



(1) 15 minutes to 6

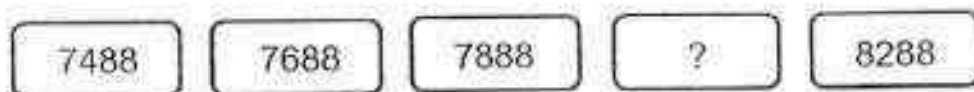
(2) 15 minutes past 6

(3) 3 minutes to 6

(4) 9 minutes past 5

()

6. Look at the number pattern below and find the missing number in the box.



(1) 7088

(2) 7988

(3) 8088

(4) 8888

()

7. The following fractions are arranged in increasing order.

$$\frac{1}{2} \quad , \quad A \quad , \quad \frac{9}{12}$$

Which one of the following fractions can be a possible value of A?

(1) $\frac{5}{12}$

(2) $\frac{2}{3}$

(3) $\frac{3}{8}$

(4) $\frac{5}{6}$

()

8. The opening hours of a shop are as shown below.

Opening Hours
8.30 a.m. to 5 p.m.

How long is the shop open each day?

(1) 3 h 30 min

(2) 9 h 30 min

(3) 8 h 30 min

(4) 13 h 30 min

()

9. A bicycle shop has an equal number of bicycles and tricycles. The total number of wheels is 480. How many tricycles does the bicycle shop have?

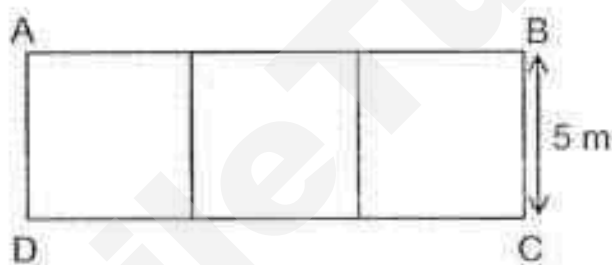


Bicycle



Tricycle

- (1) 80 (2) 96
(3) 160 (4) 240 ()
10. ABCD is a rectangle made up of three identical squares. The length of each side of the square is 5 m. What is the area of ABCD?



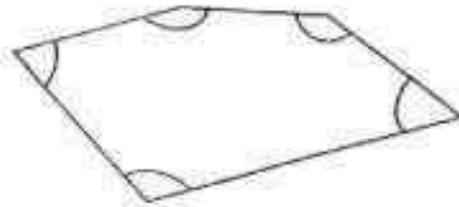
- (1) 25 m^2 (2) 40 m^2
(3) 50 m^2 (4) 75 m^2 ()

Section B

Questions 11 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(10 marks)

11. How many of the marked angles in the figure are obtuse angles?



Answer : _____

12. Write nine thousand and sixty-four in numbers.

Answer : _____

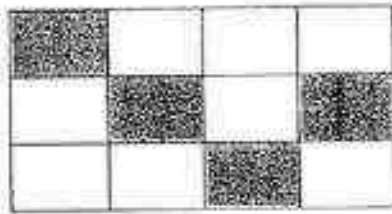
13. Yanti left her house at 9.15 a.m. She took 35 minutes to reach the library. What time did she reach the library?

Answer : _____ a.m.

SCORE

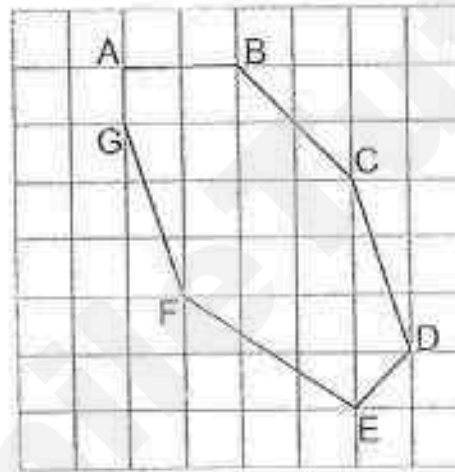
14. The figure is made up of identical rectangles. What fraction of the figure is shaded?

Do not write in this space



Answer : _____

15. Name the pair of parallel lines in the figure below.



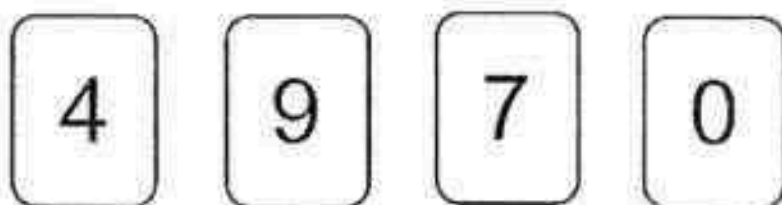
Answer : _____ // _____

16. Hua Ming bought 3000 ml of paint. After painting a wall, he had 1200 ml of paint left. How much paint did he use to paint the wall?

Answer : _____ ml

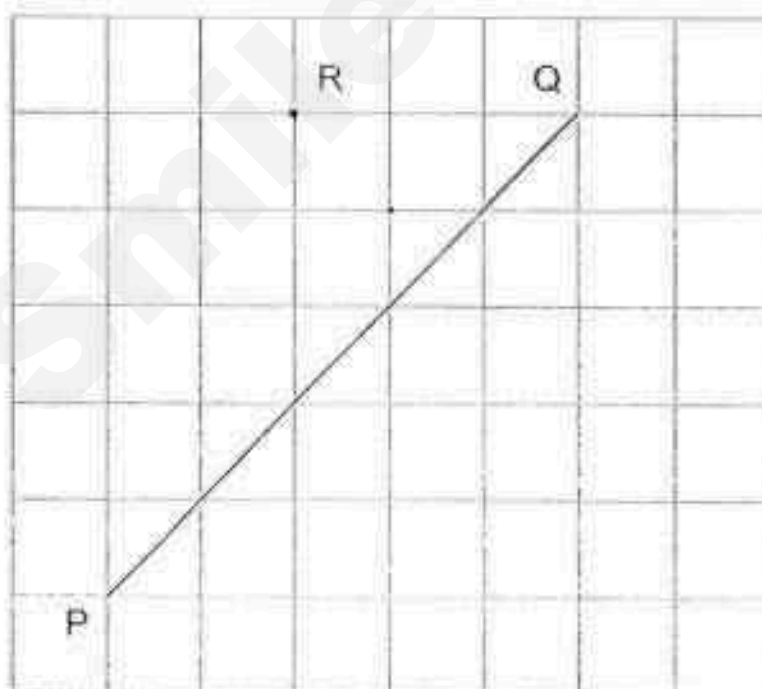
SCORE

17. Use the following digits to form the greatest 4-digit odd number. All the digits must be used. Each digit can only be used once.



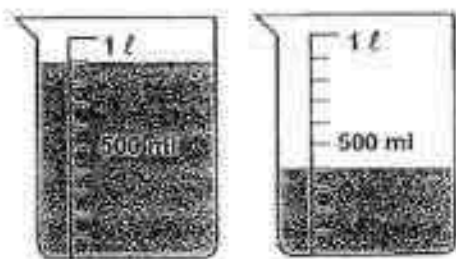
Answer : _____

18. Draw a line perpendicular to PQ passing through Point R.



SCORE

19. The figure below shows two beakers containing water.
How much more water needs to be added to make 2 litres?
Give your answer in millilitres.



Answer : _____ ml

20. In a triathlon race, Wei Ling swam 2 km, cycled 48 km and ran 16 km. What was the total distance Wei Ling covered in the race?

Answer : _____ km

SCORE

Questions 21 to 34 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (28 marks)

Do not write
in this space.

21. Muthu had \$16.50 at first. He spends \$8.90 to buy a book. How much money did he have after buying the book?

Answer : \$ _____

22. The diagram shows a durian and a pineapple. The pineapple weighs 800 g. What is the mass of the durian? Express your answer in kilograms and grams.



Answer : _____ kg _____ g

23. Mrs Sim baked 720 cookies. She placed 6 cookies into each bag. How many bags did she use altogether?

Answer : _____

SCORE

24. Find the sum of $\frac{1}{12}$ and $\frac{3}{4}$. Express the answer in its simplest form.

Answer : _____

25. Dominic and John have 525 marbles altogether. John has 4 times as many marbles as Dominic. How many marbles does Dominic have?

Answer : _____

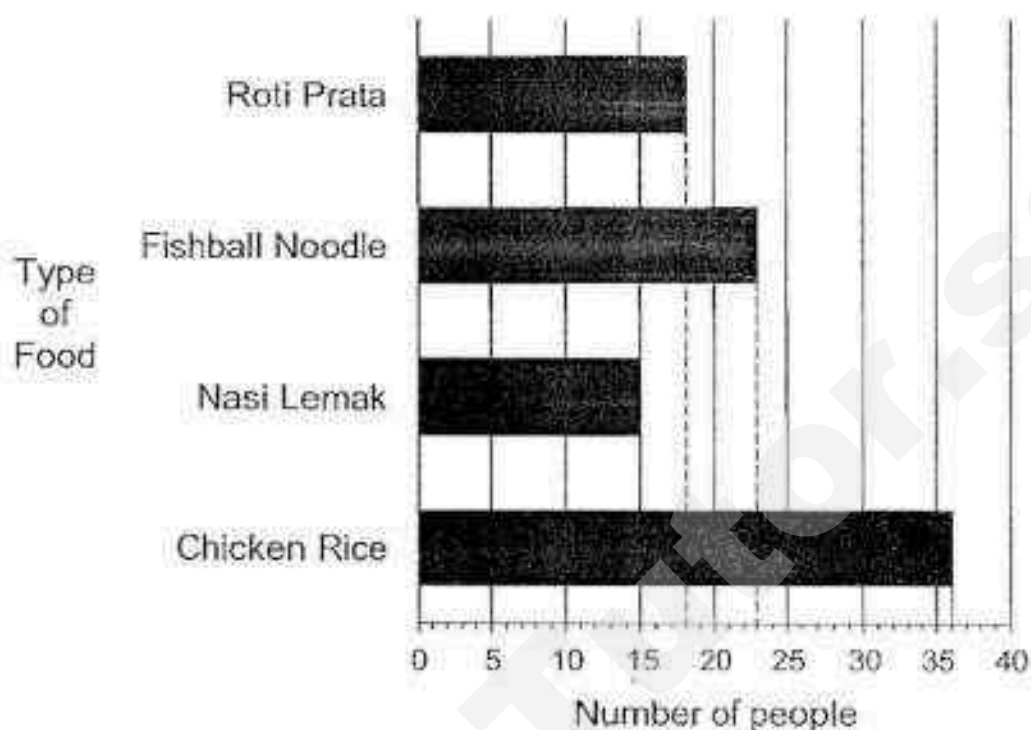
26. Mrs Prisha bought 146 red pens and 110 blue pens. All the pens were distributed equally among 8 children. How many pens did each child get?

Answer : _____

SCORE

27. A group of people were asked to choose their favourite local food. The bar graph below shows their choices.

Do not write
in this space



- (a) Which was the most popular food?
- (b) How many people chose Roti Prata as their favourite food?

Answer: (a) _____

(b) _____

SCORE

28. After spending \$53.75 to buy a bag, Priya was left with \$28.
How much money did she have at first?

Do not write
in this space

Answer : \$ _____

29. There are 2350 ml of apple juice in Jug A. There are 250 ml
more apple juice in Jug B than in Jug A.
What is the total volume of apple juice in both jugs?

Answer : _____ ml

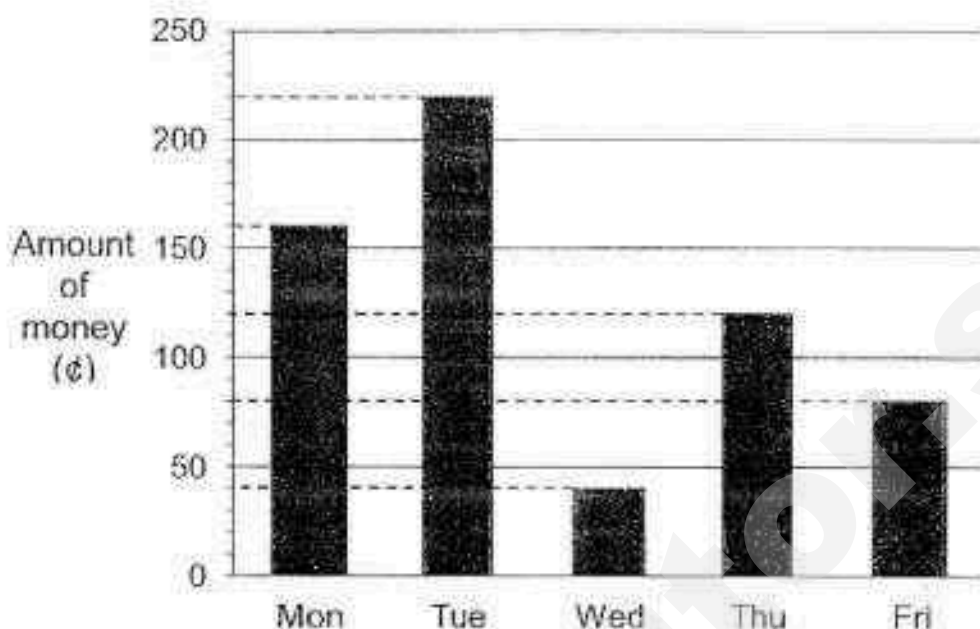
30. The usual price of a book was \$35.90. At a sale, Mrs Osman
bought the book for \$29.95. How much did she save?

Answer : \$ _____

SCORE

31. The bar graph below shows the amount of money Colin saved from Monday to Friday.

Do not write
in this space

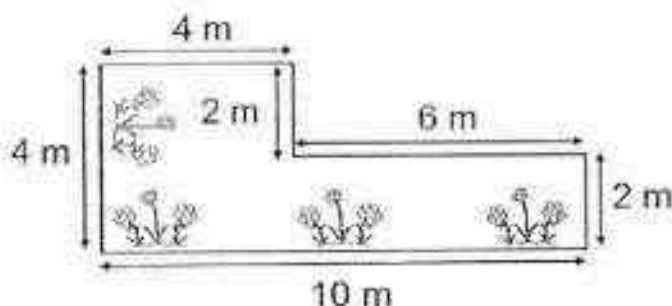


- (a) What is the amount of money Colin saved on Thursday?
Give your answer in dollars.
- (b) Colin saved twice as much money on as on Friday.

Answer : (a) \$ _____

(b) _____

32. Ramah wants to build a fence round his garden as shown in the diagram below. What is the length of fencing that Ramah needs?



Answer : _____ m

33. Brandon has twice as many sweets as Ali. Caleb has half as many sweets as Ali. The 3 boys have 168 sweets altogether. How many sweets does Caleb have?

Answer : _____

34. Mr Sufri had 150 egg tarts. He put all the egg tarts into boxes. He can put up to 9 tarts in each box. What was the least number of boxes Mr Sufri needed?

Answer : _____

SCORE

Section C

Do not write
in this space

For questions 35 to 40, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question.
(22 marks)

35. Mrs Koh bought 3 chairs and 2 tables. Each chair cost \$80. She paid a total of \$390. How much did the 2 tables cost?

Answer : _____ [3]

SCORE

Do not write
in this space

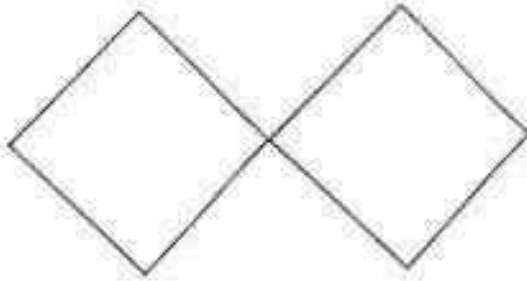
36. Mr Cheam had some paintbrushes. After giving 322 pupils 8 paintbrushes each, he had 7 paintbrushes left. How many paintbrushes did he have at first?

Answer : _____ [3]

SCORE

37. A piece of wire 72 cm long is bent to form the 2 squares as shown below,

Do not write
in this space



- (a) What is the length of each side of the square?
- (b) What is the area of one square?

Answer : (a) _____ [2]

(b) _____ [2]

SCORE

38. There are 230 ml more water in Container B than in Container A.
There are 305 ml less water in Container A than in Container C.
The total amount of water in the three containers is 1495 ml.

Do not write
in this space

- (a) How much more water is there in Container C than Container B?
- (b) How much water is there in Container A?

Answer : (a) _____ [2]

(b) _____ [2]

SCORE

Do not write
in this space

39. Muthu took 1 h 20 min to paint his room. He took 50 min more to paint his brother's room.

- (a) What was the total time taken by Muthu to paint both rooms? Give your answer in h and min.
- (b) Muthu started painting at 9.30 a.m. What time did Muthu finish painting?

Answer : (a) _____ [3]

(b) _____ [1]

SCORE

40. Alice had some milk. Each day, she drank an equal amount of milk. At the end of the 5th day, she had 1400 ml of milk left. At the end of the 6th day, she had 1100 ml of milk left.

Do not write
in this space.

- (a) What was the amount of milk she drank each day?
- (b) How much milk did Alice have at first? Give your answer in litres and millilitres.

Answer : (a) _____ [1]

(b) _____ [3]

End of Paper

Set by : Mr Alvin Ng, Mr Gabriel Tee and Mr Foo Chee Yuen

SCORE

EXAM PAPER 2016 (P3)

SCHOOL : PEI CHUN

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	3	2	1	3	2	3	2	4

11)3 12)9064 13)9.50 14)4/12 15)CD//GF

16)1800ml 17)9407 18)

19) $100\text{ml} + 600\text{ml} = 700\text{ml}$

20) $2 + 48 + 16 = 66\text{km}$

21)left $\rightarrow \$16.50 - \$8.90 = \$7.60$

22)1kg 700g

23) $120 \times 6 = 720$

$$720 \div 6 = 120$$

24) $1/12 + 9/12 = 10/12 \div 2 = 5/6$

25)1unit $\rightarrow 325 \div 5 = 105$

26)total $\rightarrow 146 + 110 = 256$

1 child $\rightarrow 256 \div 8 = 32$

27)a)chicken Rice

b)18

28)at first $\rightarrow \$53.75 + \$28 = \$8.75$

29)Jug B $\rightarrow 2350 + 250 = 2600$

Total $\rightarrow 2350 + 2600 = 4950\text{ml}$

30)save $\rightarrow \$35.90 - \$29.95 = \$5.95$

31)a)\$1.20

b)Mon

32)total $\rightarrow 2+10+6+2+4+4 = 28\text{m}$

33)1unit $\rightarrow 168 \div 7 = 24$

34)boxes $\rightarrow 150 \div 9 = 16\text{R}6$

Total $\rightarrow 16 + 1 = 17$

35)3 chair $\rightarrow \$80 \times 3 = \240

2 tables $\rightarrow \$390 - \$240 = \$150$

36)paintbrushes at first $\rightarrow 322 \times 8 + 7 = 2583$

37)a)each side $\rightarrow 72 \div 8 = 9\text{cm}$

b)area $\rightarrow 9 \times 9 = 81\text{cm}^2$

38)a)more water in C than B $\rightarrow 305 - 230 = 75\text{ml}$

b)1 unit $\rightarrow 960 \div 3 = 320\text{ml}$

39)a)time to pain brother room $\rightarrow 1\text{h}20\text{min } 50\text{min} = 2\text{h } 10\text{min}$

Total time to paint 2 rooms $\rightarrow 1\text{h}20\text{min} + 2\text{h } 10\text{min} = 3\text{h } 30\text{min}$

b)1.00p.m.

40) a) drank each day $\rightarrow 1400 - 1100 = 300\text{ml}$

b) drank until 5th day $\rightarrow 5 \times 300 = 1500\text{ml}$

at first $\rightarrow 1500 + 1400 = 2900\text{ml}$

RIVER VALLEY PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2
2016
MATHEMATICS
PRIMARY THREE

Name : _____ ()

Class : Primary 3 ()

Date : 27 October 2016

Duration : 1 hour 45 minutes (Booklets A and B)

BOOKLET A

Instructions to candidates

- Do not open the booklet(s) until you are instructed to do so.
- Read all instructions provided in each section carefully.
- Show your workings as marks may be awarded.
- **REMEMBER TO SHADE THE CORRECT OVAL IN THE OAS.**

Section A : MCQ (25 marks)

Questions 1 to 5 carry 1 mark each. Questions 6 to 15 carry 2 marks each.

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. In the number 7 539, which digit is in the hundreds place?

- | | |
|-------|-------|
| (1) 7 | (2) 5 |
| (3) 3 | (4) 9 |

2. 3 958 is 100 less than _____

- | | |
|-----------|-----------|
| (1) 2 958 | (2) 3 858 |
| (3) 4 058 | (4) 4 958 |

3. Which of the following is the same as 4 444?

- | | |
|-----------------------|-----------------------|
| (1) $4000 + 40 + 4$ | (2) $4000 + 4$ |
| (3) $4000 + 400 + 44$ | (4) $4000 + 440 + 44$ |

4. Complete the number pattern.

3 050, _____, 3 550, 3 800, 4 050

- | | |
|-----------|-----------|
| (1) 3 200 | (2) 3 250 |
| (3) 3 300 | (4) 3 350 |

5. $4\,876 + 3\,519 =$ _____

(1) 7385

(2) 7395

(3) 8389

(4) 8395

6. $692 \times 7 =$ _____

(1) 4 234

(2) 4 244

(3) 4 834

(4) 4 844

7. When a number is divided by 4, it gives a remainder of 2.
Which of the following is the number?

(1) 274

(2) 264

(3) 252

(4) 244

8. $35 + 7 + 7 + 7 =$ $\times 7$. What is the answer in the box?

(1) 8

(2) 6

(3) 3

(4) 5

12. Mr Tan watched a movie for 2 h 50 min.
The movie ended at 9.15 p.m. What time did the movie start?
- (1) 6.15 p.m. (2) 6.25 p.m.
(3) 7.15 p.m. (4) 7.25 p.m.
13. George has only \$8.70 in his wallet. He wants to buy a storybook that cost \$20.00. Then his mother gives him \$5. How much more money does he need so that he can buy the storybook?
- (1) \$13.70 (2) \$11.30
(3) \$6.30 (4) \$3.70
14. Angela and Mariam had an equal number of beads at first. After Angela gave 40 beads to Mariam, Mariam now has 100 beads. How many beads does Angela have in the end?
- (1) 140 (2) 70
(3) 60 (4) 20
15. The mass of a durian and 3 similar mangoes is 2 kg 50 g.
The mass of the same durian and 2 similar mangoes is 1 kg 800 g.
What is the mass of 3 mangoes?
- (1) 750 g (2) 700 g
(3) 500 g (4) 250 g

- End of Booklet A -

RIVER VALLEY PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2
2016
MATHEMATICS
PRIMARY THREE

Name : _____

Class : Primary 3 (_____)

Date : 27 October 2016

Duration : 1 hour 45 minutes (Booklets A and B)

BOOKLET B

Instructions to candidates

- Do not open the booklet(s) until you are instructed to do so.
- Read all instructions provided in each section carefully.
- Show your workings as marks may be awarded.

SUMMARY OF MARKS :

Section		Questions	Marks Awarded	Maximum Marks
A	Multiple Choice Questions	1 – 15		25
B	Short Answer Questions	16 – 35		35
C	Long Answer Questions	36 – 40		20
Total				80

Parent's Signature: _____

Section B : Short Answer Questions (35 marks)

Questions 16 to 20 carry 1 mark each. Questions 21 to 35 carry 2 marks each.

Show your working clearly and write your answers in the spaces provided.

For questions which require units, give your answers in the units stated.

16. Write eight thousand and fifty-four in figures.

Answer : _____

17. Form the greatest even number using all the digits below.

6 , 1 , 2 , 7

Answer : _____

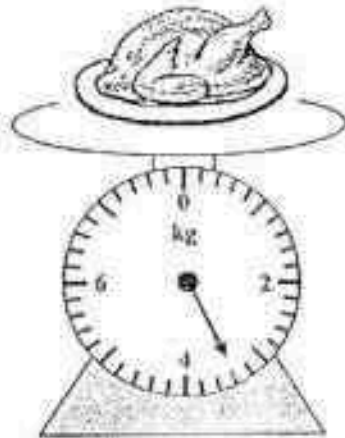
18. How many 3s are there in 924?

Answer : _____

19. 2 l 50 ml is the same as _____ ml.

Answer : _____ ml

20. What is the mass of the plate of roast chicken below?
Give your answer in kg and g.



Answer : _____ kg _____ g

21. Jenny packed 476 marbles into one bag. She packed a total of 8 similar bags.
How many marbles did Jenny pack altogether?

Answer : _____

22. Jeremy puts 294 stamps equally into 7 albums. How many stamps are there in each album?

Answer : _____

23. Arrange the fractions in order, beginning with the smallest.

$$\frac{1}{4}, \frac{1}{2}, \frac{3}{8}$$

Answer : _____

24. Ming cut a cake into 12 equal pieces. Ali took 3 pieces of the cake, Lily took 4 pieces and Timmy took 2 pieces.
What fraction of the cake was left? (Give your answer in the simplest form)

Answer : _____

25. Salmah jogged for 90 minutes in the evening.
When she reached home after the jog, she saw the time on the clock as shown below. What time did she start jogging?



Answer : _____ p.m.

26. Gopal completed his homework at 4.30 p.m.
He took 1 hour to do his homework.
His sister started doing her homework 30 minutes earlier than him.
At what time did Gopal's sister start doing her homework?

Answer : _____ p.m.

27. A factory produces 1020 shirts a day. 480 of them are long sleeves shirts.
The rest are short sleeves shirts. How many short sleeves shirts does the
factory produce in 5 days?

Answer : _____

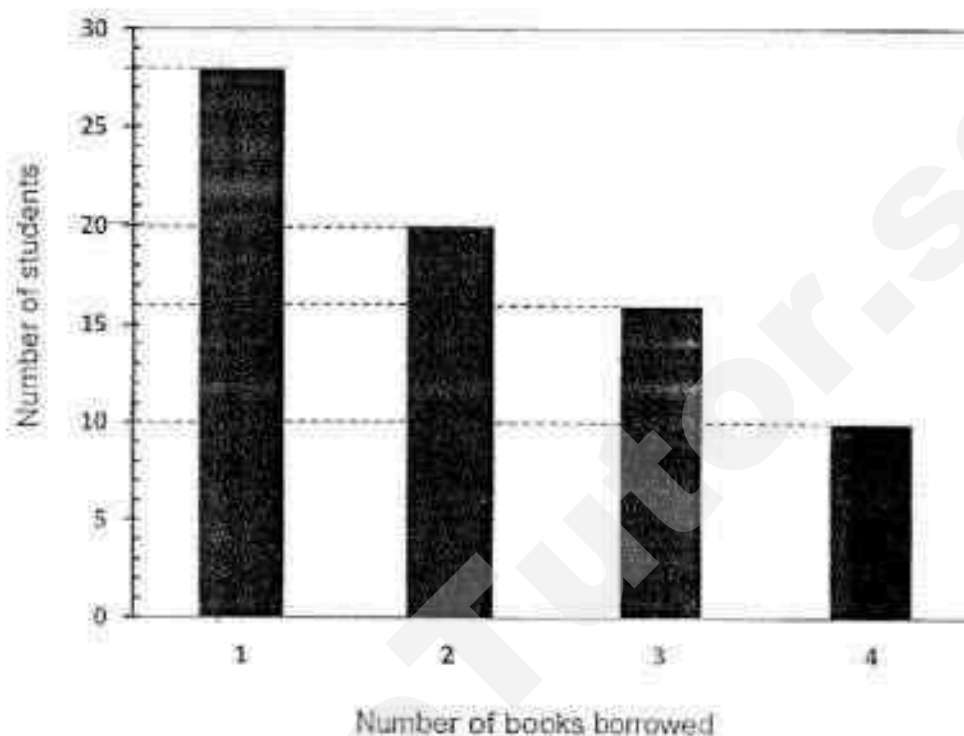
28. Which of the following letter(s) contain(s) both parallel and perpendicular
lines?

L I F T

Answer : _____

The graph below shows the number of books borrowed by the Primary Three students in Happy View Primary School.

Study the graph carefully to answer questions 29 and 30.



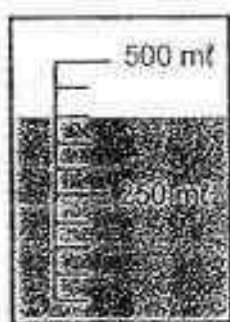
29. How many students borrowed more than 2 books?

Answer: _____

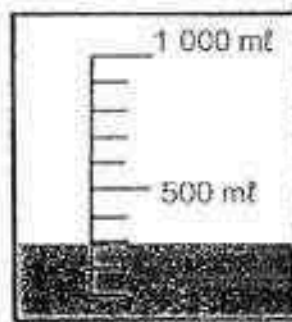
30. If there are 150 Primary Three students in the school, how many Primary Three students did not borrow any books?

Answer: _____

31. How much more water must be poured from Container A into Container B such that both containers would have the same amount of water?



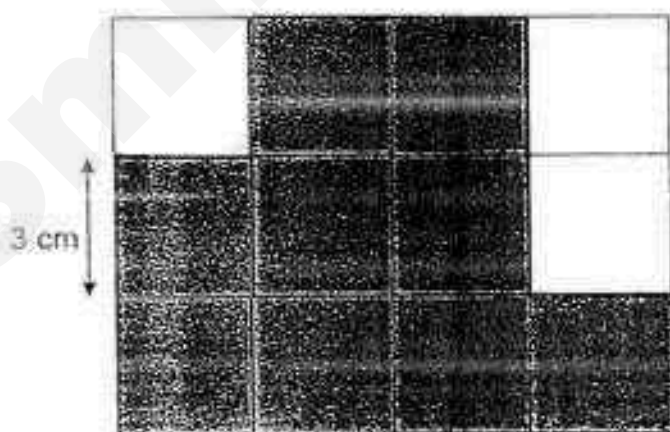
Container A



Container B

Answer : _____ ml

32. The figure below is made up of 3 cm squares. What is the perimeter of the shaded figure?



Answer : _____ cm

33. The figure below is made up of 4 identical squares.
The figure has a perimeter of 80 cm.
What is the area of one square?



Answer : _____ cm²

34. There are 3 times as many boys as girls at a party.
There are 24 fewer girls than boys.
How many children are there at the party altogether?

Answer : _____

35. Jordan paid \$59.40 for a shirt and 2 identical ties.
The shirt cost \$5.40 more than a tie.
How much did each tie cost?

Answer : \$ _____

Section C : Long Answer Questions (20 marks)

For questions 36 to 40, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets () at the end of each part-question.

36. A fruit seller had 6000 pears at first.
He sold 4028 pears and threw away 68 rotten pears.

- (a) How many pears had he left?
(b) The pears that the fruit seller sold were packed equally into 4 boxes. How many pears did he pack into each box?

Answer: (a) _____ (2m)

(b) _____ (2m)

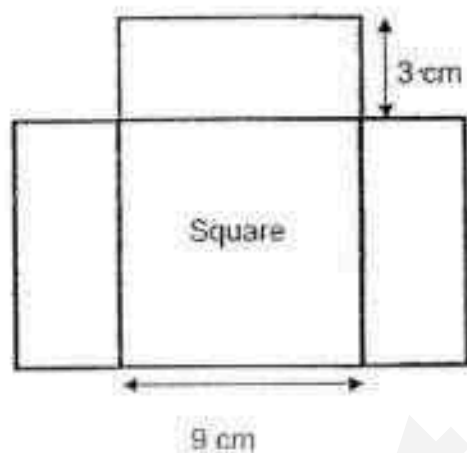
37. Mr and Mrs Wong took their 3 children to the zoo. An adult's ticket cost 2 times as much as a child's ticket. Mr Wong paid a total of \$42 for all the tickets.

- (a) What was the cost of a child's ticket?
- (b) At the souvenir shop in the zoo, Mrs Wong paid \$80 for a shirt and 3 caps. The shirt cost \$35. How much did 1 cap cost?

Answer : (a) _____ (2m)

(b) _____ (2m)

38. The figure below is made up of 3 identical rectangles and a square.



- (a) Find the area of the square.
(b) Find the perimeter of the figure.

Answer : (a) _____ (2m)

(b) _____ (2m)

39. At a bookshop, books are sold at \$5 for 1 book. For every 8 books a customer pays, an extra book will be given free.

(a) How much will Mrs Lim pay for 10 books?

(b) What is the most number of books Mr Hassan can get for \$90?

Answer: (a) _____ (2m)

(b) _____ (2m)

40. Anthony has 2 times as many marbles as Ben. Cedric has 3 times as many marbles as Anthony. The 3 boys have 414 marbles altogether.

- (a) How many marbles does Cedric have?
- (b) If the 3 boys decide to share all their marbles equally, how many marbles will each boy have?

Answer : (a) _____ (3m)

(b) _____ (1m)

- End of Paper -

EXAM PAPER 2016 (P3)

SCHOOL : RIVER VALLEY

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	3	3	4	4	1	1	3	4
Q11	Q12	Q13	Q14	Q15					
3	2	3	4	1					

16)8054 17)7612 18)308 19)2050nl 20)3kg 400g

21)3808 22)42 23) $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$ 24) $\frac{1}{4}$ 25)7.55 p.m.

26)3.00 p.m. 27)2700 28)l 29)26 30)76

31)400 – 300 = 100

$$100 \div 2 = 50\text{ml}$$

32)14 x 3 = 42cm

33)80 ÷ 10 = 8

$$8 \times 8 = 64\text{cm}^2$$

34) $24 \div 6 = 4$

$4 \times 6 = 24$

$24 + 24 = 48$

35) $59.40 - 5.40 = 54.00$

$54 \div 3 = 3u \rightarrow 54$

$1u \rightarrow \$18$

36) a) $4028 + 68 = 4096$

$6000 - 4096 = 1904$

b) $4028 \div 4 = 1007$

37) a) $42 \div 7 = \$6$

b) $80 - 35 = 45$

$45 \div 3 = \$15$

38) a) $9 \times 9 = 81\text{cm}$

b) $6 \times 3 = 18$

$9 \times 4 = 36$

$36 + 18 = 54\text{cm}$

39) a) $8 \times 5 = 40$

$40 + 5 = \$45$

b) $90 \div 5 = 18$

$18 \div 8 = 2$

$18 + 2 = 20$

40) a) $414 \div 9 = 46$

$46 \times 6 = 276$

b) 138

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



END-OF-YEAR EXAMINATION 2016 PRIMARY 3 MATHEMATICS

(BOOKLET A)

Total Time

Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

Name: _____ ()

Class: Primary 3. _____

Date: 26 October 2016

This booklet consists of 6 printed pages including this page.

Section A

Questions 1 to 4 carry 1 mark each.

Questions 5 to 16 carry 2 marks each.

For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet. (28 marks)

1 $8\,425 = \underline{\hspace{2cm}} + 400 + 20 + 5$

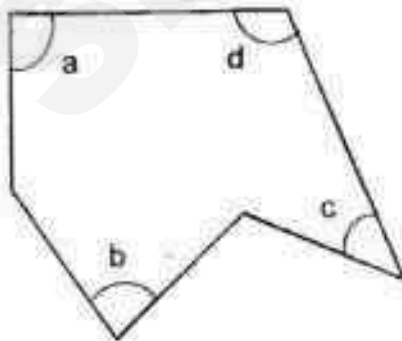
What is the missing number in the blank?

- (1) 8
- (2) 80
- (3) 800
- (4) 8 000

2 $6\text{ km } 2\text{ m} = \underline{\hspace{2cm}}\text{ m}$

- (1) 62
- (2) 602
- (3) 6 002
- (4) 6 200

3 Which one of the angles is a **right angle**?



- (1) $\angle a$
- (2) $\angle b$
- (3) $\angle c$
- (4) $\angle d$

(Go on to the next page)

4 How many whole numbers between 15 and 35 can be divided exactly by 6?

- (1) 5
- (2) 2
- (3) 3
- (4) 4

5 $\square + 7 = 28 \text{ R } 2$

What is the missing number?

- (1) 190
- (2) 194
- (3) 196
- (4) 198

6 Which one of the following fractions is **not** equivalent to $\frac{1}{4}$?

- (1) $\frac{5}{20}$
- (2) $\frac{2}{8}$
- (3) $\frac{3}{12}$
- (4) $\frac{4}{8}$

7 5 201, 5 001, 4 801, _____, 4 401

In the number pattern, what is the missing number?

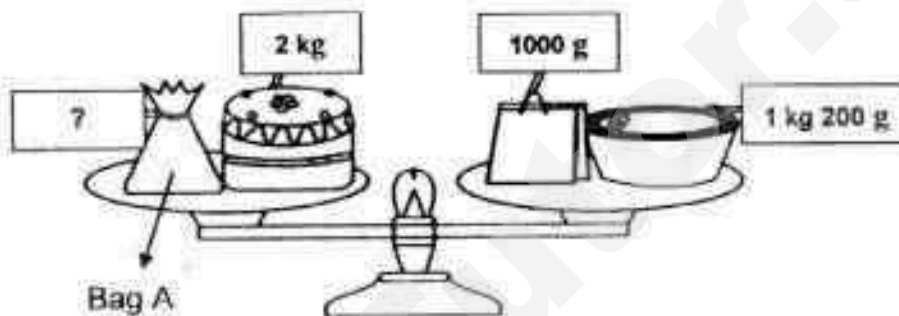
- (1) 4 301
- (2) 4 601
- (3) 4 701
- (4) 4 901

(Go on to the next page)

8 What is the total value of the digits '5' in 5 705?

- (1) 4 995
- (2) 5 005
- (3) 5 700
- (4) 5 710

9



Farah placed four objects on a weighing scale. What was the mass of Bag A?

- (1) 200 g
- (2) 1 000 g
- (3) 1 200 g
- (4) 2 200 g

10 Xiaoling placed 570 beads equally into 6 bags.

In each bag, there were 48 blue beads and the rest were red beads.

How many red beads were there in each bag?

- (1) 47
- (2) 95
- (3) 143
- (4) 288

(Go on to the next page)

- 11 Bala has 35 more stamps than Jiahui. Mabel has 55 fewer stamps than Bala. Robert has 20 fewer stamps than Bala. Who has the **least** number of stamps?

- (1) Bala
- (2) Jiahui
- (3) Mabel
- (4) Robert

- 12 In the afternoon, Chloe noticed that the clock in her classroom as shown was 20 minutes slow. What was the actual time?



- (1) 3.10 p.m.
 - (2) 3.50 p.m.
 - (3) 4.10 p.m.
 - (4) 4.50 p.m.
- 13 The length of a square table is 8 cm. What is its perimeter?

- (1) 16 cm
- (2) 24 cm
- (3) 32 cm
- (4) 64 cm

- 14 Candice ate $\frac{2}{3}$ of a pie and Jun Ming ate $\frac{1}{12}$ of the same pie.

What fraction of the pie was left?

(1) $\frac{1}{5}$

(2) $\frac{1}{4}$

(3) $\frac{3}{4}$

(4) $\frac{4}{5}$

- 15 What is the cost of 9 ten-cent stamps and 4 fifty-cent stamps?

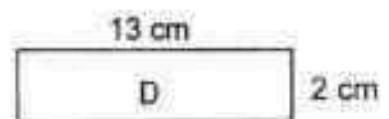
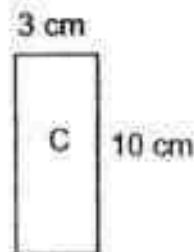
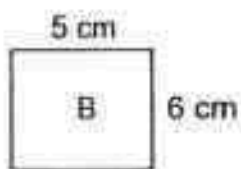
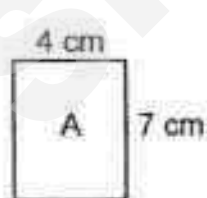
(1) \$0.90

(2) \$2.00

(3) \$2.90

(4) \$4.90

- 16 Which of the following rectangles below have a similar area?



- (1) A and B
(2) B and C
(3) B and D
(4) C and D

Go on to Booklet B

(Go on to the next page)

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



END-OF-YEAR EXAMINATION 2016 PRIMARY 3 MATHEMATICS

(BOOKLET B)

Total Time

Sections A to C: 1 hour 45 minutes

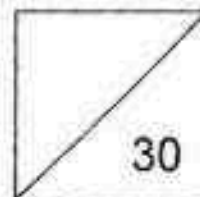
INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ ()

Class: Primary 3. _____

Date: 26 October 2016



This booklet consists of 8 printed pages including this page.

(Go on to the next page)

Section B

Questions 17 to 22 carry 1 mark each.

Questions 23 to 34 carry 2 marks each.

Write your answers in the spaces provided.

For questions which require units, give your answers in the units stated. (30 marks)

- 17 Write 6 thousands and 40 tens in numerals.

Ans: _____

- 18 Arrange the following fractions in order, beginning with the greatest.

$$\frac{1}{4}$$

$$\frac{1}{7}$$

$$\frac{1}{2}$$

$$\frac{1}{9}$$

Ans: _____

- 19 Express 2 075 g in kilograms and grams.

Ans: _____ kg _____ g

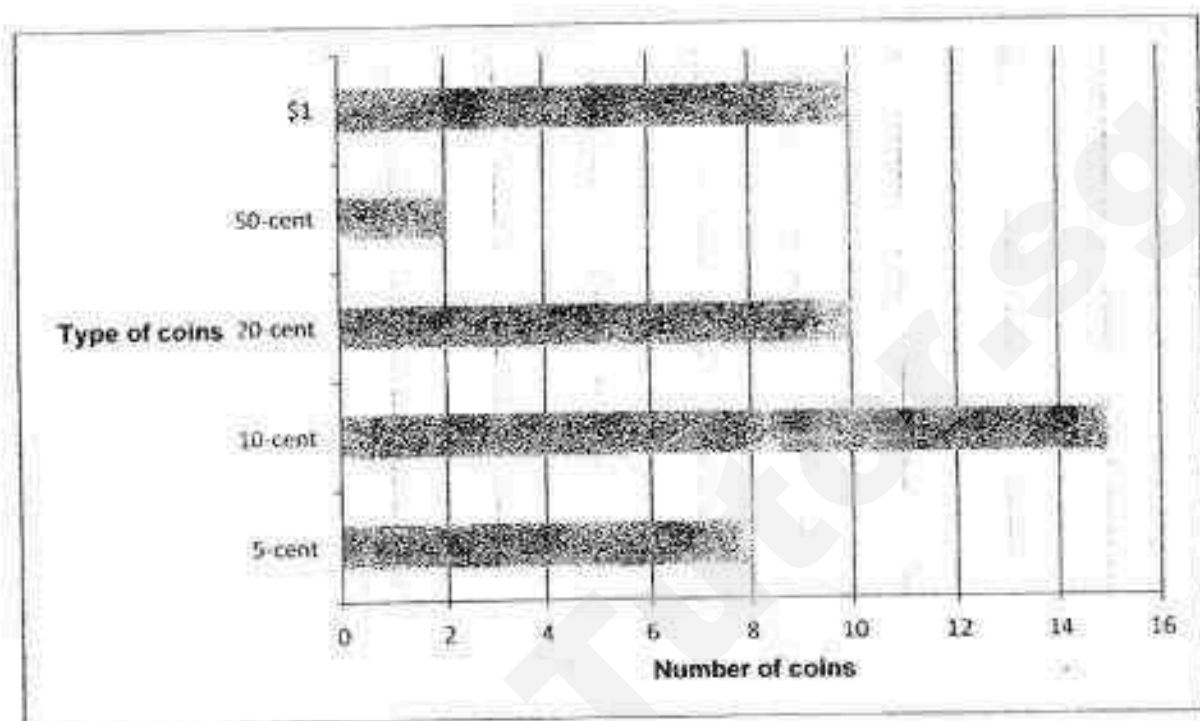
- 20 I am the smallest 4-digit odd number with the digits 3, 6, 7 and 0.

What number am I? (Use each digit only once)

Ans: _____

(Go on to the next page)

The bar graph below shows the number of different coins Raju has saved over a week. Use the graph to answer questions 21-23.



- 21 Raju has the same number of these two types of coins. Which are they?

Ans: _____ and _____

- 22 Which type of coin is 4 times the number of 50-cent coins?

Ans: _____

- 23 What is the total amount of money Raju has saved?

Ans: \$ _____

(Go on to the next page)

- 24 What is the missing number below?

$$\begin{array}{r} 6\text{ t } 20\text{ mt} \\ - 2\text{ t } 100\text{ mt} \\ \hline \end{array}$$

Ans: _____ t _____ mt

25 $\triangle + \bigcirc + \square = 102$

$\triangle + \square = 89$

What is the value of \bigcirc ?

Ans: _____

26 $15 \times 6 = \square + 2$

What is the missing number in the box?

Ans: _____

- 27 Mrs Jones travels from her house to the market and then back to her house daily. The distance between her house and the market is 7 km. What is the total distance she travels in a week?

Ans: _____ km
(Go on to the next page)

28

$$\frac{3}{10} + \boxed{?} = \frac{1}{2}$$

What is the missing number?

Give your answer in the simplest form.

Ans: _____

29

The poster below shows a promotion at a school bookshop.



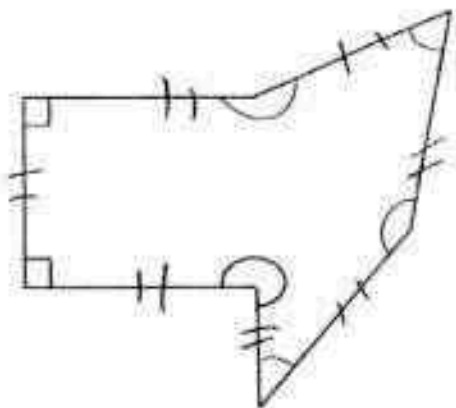
Lynette paid \$8 for some notebooks.

How many notebooks did she get altogether?

Ans: _____

(Go on to the next page)

- 30 Study the figure below carefully.



- (a) How many sides does this figure have?
 (b) How many angles in the figure are greater than a right angle?

Ans: (a) _____

(b) _____

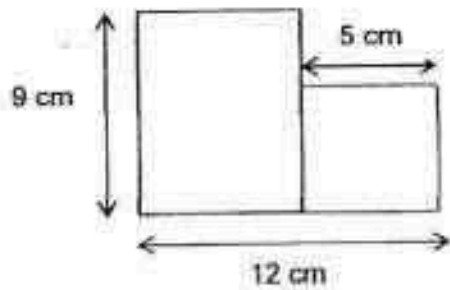
- 31 Zara bought some sugar to bake for a party. She used $\frac{1}{2}$ of the sugar to make cookies, $\frac{1}{12}$ of it to make brownies and $\frac{1}{4}$ of it to make cupcakes.
 What fraction of sugar did Zara use altogether?

Give your answer in the simplest form.

Ans: _____

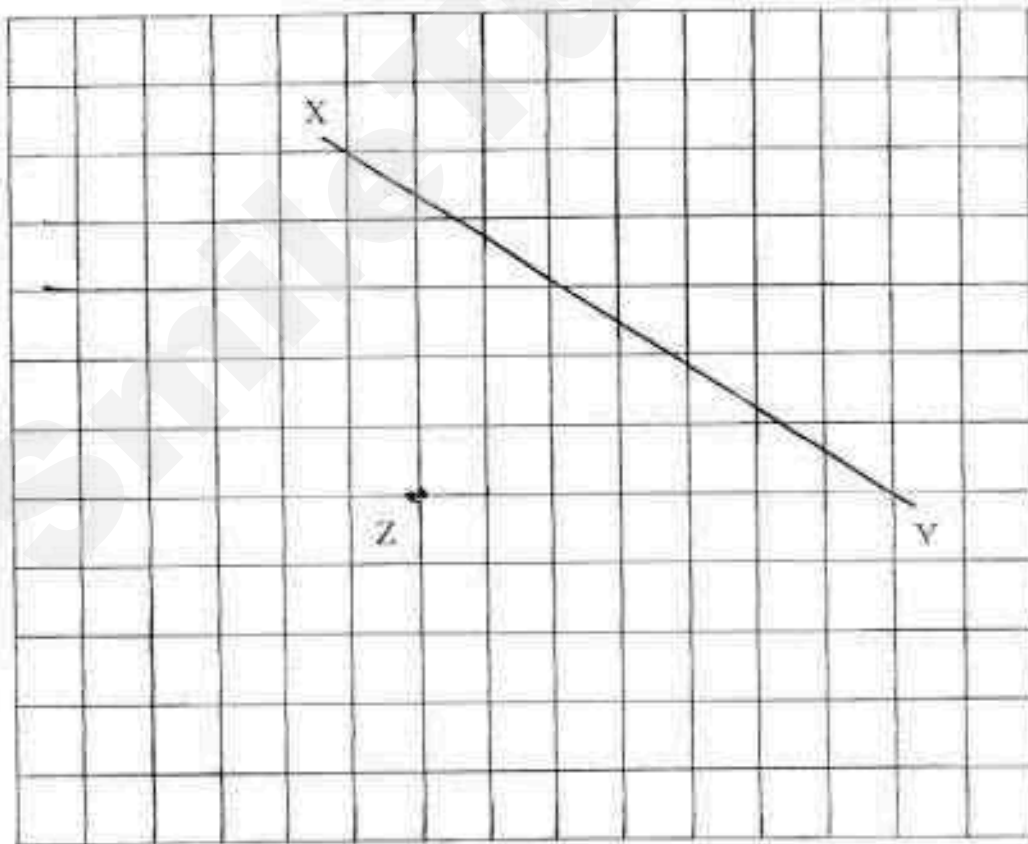
(Go on to the next page)

- 32 The figure is made up of a rectangle and a square. Find the area of the figure.



Ans: _____ cm^2

- 33 Draw a line through Point Z that is parallel to Line XY shown below.



(Go on to the next page)

- 34 The signboard below is placed on the door of Moonlight Cafe.

Opening Hours: 11 a.m. – 9 p.m. daily
Closed on Sunday

The cafe is open for _____ hours a week.

Ans: _____ h

Go on to Booklet C

(Go on to the next page)

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



END-OF-YEAR EXAMINATION 2016 PRIMARY 3 MATHEMATICS

(BOOKLET C)

Total Time

Sections A to C: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

Name: _____ ()

Class: Primary 3. _____

Date: 26 October 2016

Booklet A	/ 28
Booklet B	/ 30
Booklet C	/ 22
TOTAL	/ 80

Parent's Signature: _____

This booklet consists of 7 printed pages including this page.

(Go on to the next page)

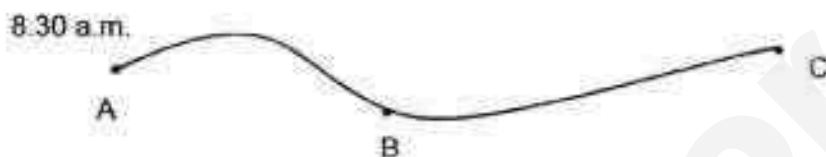
Section C

For questions 35 to 40, show your working clearly and write your answers in the space provided. The number of marks available is shown in brackets [] at the end of each question or part-question. (22 marks)

- 35 At 8.30 a.m., Siti boarded a bus at Town A.

It took her 2 h 20 min to reach Town C.

She took the same amount of time to travel back from Town C to Town A.



- (a) What time did she reach Town C?
(b) If Siti spent 3 h at Town C, what time did she reach Town A?

Ans: (a) _____ [1]
(b) _____ [2]

(Go on to the next page)

- 36 The mass of a container filled with some pebbles is 4 kg 750 g.
The empty container has a mass of 800 g.
How much lighter is the empty container than the pebbles?
(Give your answer in kilograms and grams)

Ans: _____ [3]

(Go on to the next page)

- 37 Ben had three times as much money as Colin. After Ben spent \$110 and Colin spent \$30, they had the same amount of money left.
- (a) How much did Colin have at first?
- (b) How much had each of them left in the end?

Ans: (a) _____ [3]
(b) _____ [1]

(Go on to the next page)

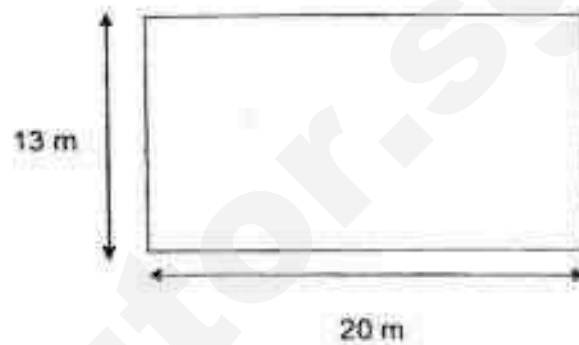
- 38 Mrs Tan had some sweets. She bought another 28 sweets. She gave 48 sweets each to her 3 children. In the end, she had 239 sweets left. How many sweets did Mrs Tan have at first?

Ans _____ [4]

(Go on to the next page)

- 39 Grace put a fence around a rectangular plot of land with dimensions as shown below. The cost of the fencing was \$5 per metre.

- (a) What was the total length of fencing needed?
(b) How much did she pay to put the fence around her land?



Ans (a) _____ [2]
(b) _____ [2]

(Go on to the next page)

- 40 Farmer Lee packed a total of 146 apples and pears into 20 bags. Each bag contained either apples or pears. The apples were packed in bags of 6 and the pears were packed in bags of 8. How many bags of apples were there?

Ans: _____ [4]

End of Paper

YEAR : 2016
 LEVEL : PRIMARY 3
 SCHOOL : METHODIST GIRLS'
 SUBJECT : MATHEMATICS
 TERM : SA2

Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
4	3	1	3	4	4	2	2
Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16
1	1	3	2	3	2	3	2

Booklet B

Q17 6400

Q18 $\frac{1}{2}, \frac{1}{4}, \frac{1}{7}, \frac{1}{9}$

Q19 2 kg 75 g

Q20 3067

Q21 \$1 and 20-cent

Q22 5-cent

Q23 \$14.90

Q24 3 ℓ 920 ml

Q25 $102 - 89 \Rightarrow 13$

Q26 $15 \times 6 = \underline{180} \div 2$

Q27 $7 \times 2 \rightarrow 14$
 $14 \times 7 \Rightarrow 98 \text{ km}$

Q28 $\frac{1}{5}$

Q29 $2 \times 2 = 4$
 $8 \div 4 = 2$
 $3 + 3 \Rightarrow 6 \text{ notebooks}$

Q30 (a) 7
(b) 3

Q31 $\frac{5}{h}$

Q32 $12 - 5 = 7$
 $9 \times 7 = 63$
 $5 \times 5 = 25$
 $63 + 25 \Rightarrow 88 \text{ cm}^2$

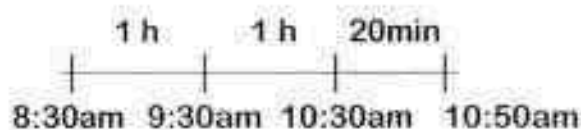
Q33



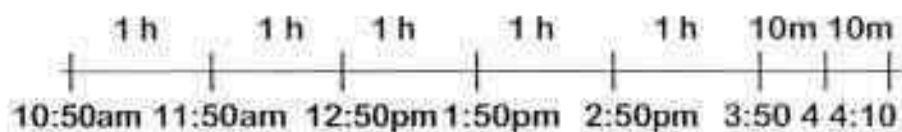
Q34 $10 \times 6 \Rightarrow 60 \text{ h}$

Booklet C

Q35 (a) 10:50 am



(b) 4:10 pm



Q36 $4750 - 800 \rightarrow 3950$
 $3950 - 800 \Rightarrow 3150 \approx \underline{3 \text{ kg } 150 \text{ g}}$

Q37 (a) $\$110 - \$30 = \$80$
 $\$80 \div 2 \Rightarrow \underline{\$40}$
(b) $\$40 - \$30 \Rightarrow \underline{\$10}$

Q38 $48 \times 3 = 144$
 $239 + 144 = 383$
 $383 - 28 \Rightarrow \underline{355 \text{ sweets}}$

Q39 (a) $20 + 13 + 20 + 13 \Rightarrow \underline{66 \text{ m}}$
(b) $66 \times \$5 \Rightarrow \underline{\$330}$

Q40 7 bags of apples

End



Anglo-Chinese School (Primary)

END-OF-YEAR EXAMINATION 2016
MATHEMATICS
BOOKLET A
PRIMARY THREE

Name: _____ () Class: Primary 3 _____

Date: 27 October 2016

Duration of Booklets A & B: 1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 5 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Shade your answers on the Optical Answer Sheet (OAS) provided.

Section A (10 x 2 marks each)

For each of the following questions, four options are given. Choose the correct option and shade its oval (1, 2, 3 or 4) in the Optical Answer Sheet provided.

1. 7 480 m = ____ km ____ m.

- (1) 7 km 48 m
- (2) 7 km 480 m
- (3) 70 km 48 m
- (4) 70 km 480 m

2. 3 080 is 100 more than ____.

- (1) 2 080
- (2) 2 980
- (3) 3 090
- (4) 3 180

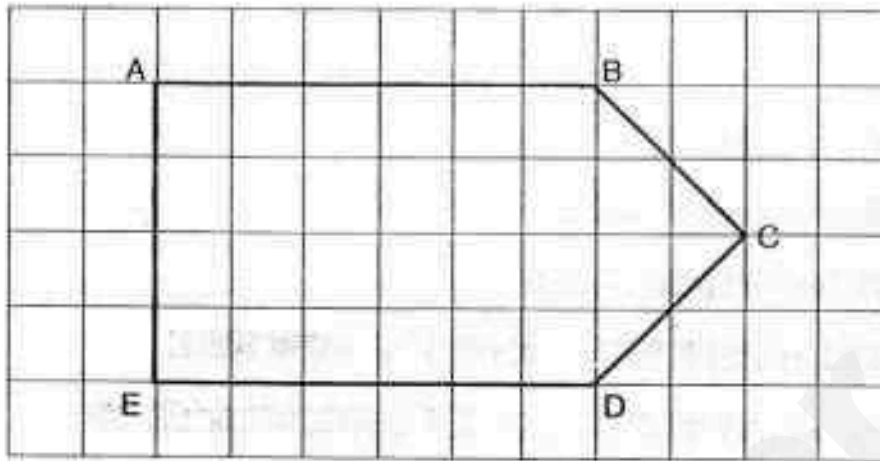
3. Which fraction is equivalent to $\frac{8}{12}$?

- (1) $\frac{1}{2}$
- (2) $\frac{1}{4}$
- (3) $\frac{2}{3}$
- (4) $\frac{3}{4}$

4. Aaron finished watching a concert at 2.45 p.m. The concert lasted 1 h 20 min. What time did the concert start?

- (1) 1.25 p.m.
- (2) 1.45 p.m.
- (3) 3.05 p.m.
- (4) 3.35 p.m.

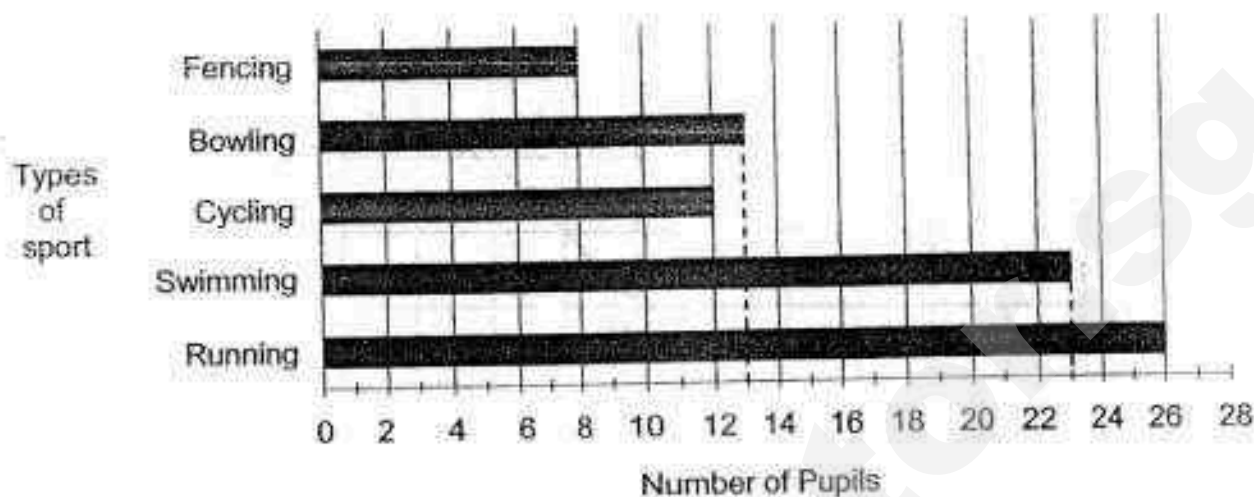
5. The figure below is not drawn to scale. How many angles in the figure ABCDE are greater than right angles?



- (1) 0
(2) 2
(3) 3
(4) 5
6. Which of the following adds up to the greatest odd number?
- (1) $900 + 80 + 4$
(2) $800 + 90 + 4$
(3) $800 + 40 + 9$
(4) $400 + 80 + 9$
7. Which letter below does not have perpendicular lines?
- (1) A
(2) E
(3) F
(4) H

The bar graph below shows the types of sport that a group of pupils like. Study the graph carefully and answer question 8.

Pupils' Favourite Sport



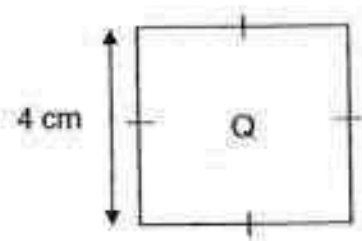
8. Which sport has twice as many pupils as Bowling?

- (1) Cycling
- (2) Fencing
- (3) Running
- (4) Swimming

9. Alex wants to buy a toy car and a scooter bike. The toy car costs \$39.45 and the scooter bike costs \$99.90. How much more does Alex need if he has only \$100?

- (1) \$239.35
- (2) \$139.35
- (3) \$60.55
- (4) \$39.35

10. The shapes below are not drawn to scale.
P is a rectangle and Q is a square. The 2 shapes have the same area.
What is the length of rectangle P?



- (1) 16 cm
- (2) 8 cm
- (3) 6 cm
- (4) 4 cm



Anglo-Chinese School (Primary)

END-OF-YEAR EXAMINATION 2016
MATHEMATICS
BOOKLET B
PRIMARY THREE

Name: _____ () Class: Primary 3 _____

Date: 27 October 2016

Duration of Booklets A & B: 1 hour 45 minutes

Parent's/Guardian's signature: _____

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 16 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.

Section	Maximum Marks	Marks Obtained
A. Multiple-Choice Questions	20	
B. Short Answers	38	
C. Problem Sums	22	
Total Marks	80	

SECTION B - Short Answers (38 Marks)

Questions 11 to 20 carry 1 mark each. Questions 21 to 34 carry 2 marks each. Show all workings and mathematical statements clearly in the space below each question. Write your answer in the space provided. Express your answers in the units stated and in its simplest form whenever possible.

11. $\frac{4}{7} + \frac{2}{7} = \boxed{?}$

Answer : _____

12. Express 2 h 50 min in minutes.

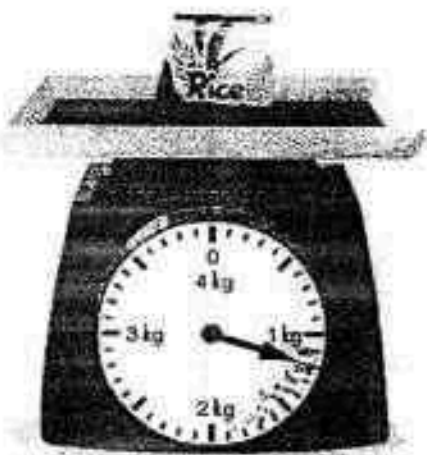
Answer : _____ min

13. Arrange the following fractions in descending order.

$$\frac{3}{7}, \frac{3}{5}, \frac{3}{11}$$

Answer : _____ , _____ , _____
greatest

14. What is the mass of the bag of rice?

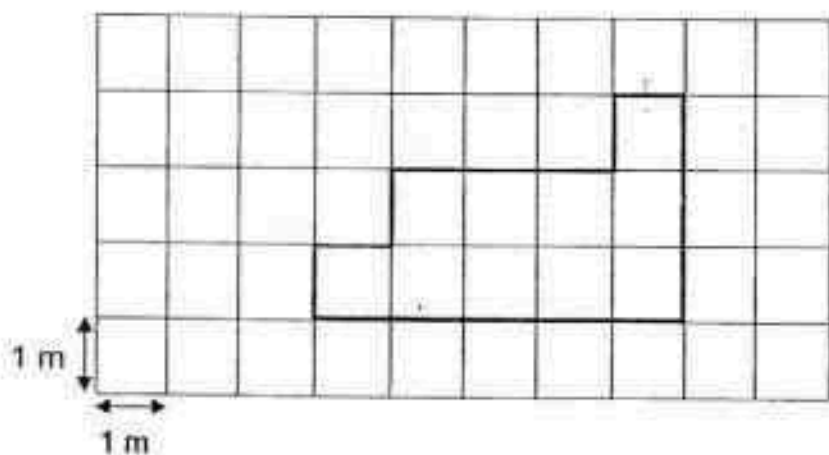


Answer : _____ kg _____ g

15. $\frac{5}{8} - \frac{1}{4} = \boxed{?}$

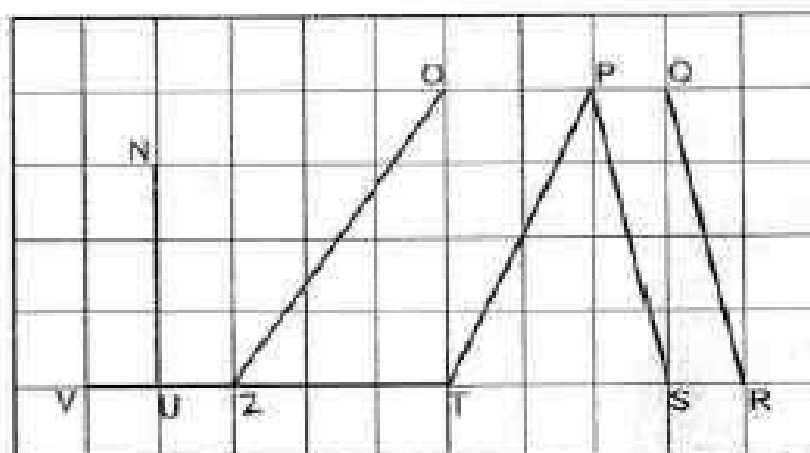
Answer : _____

16. The figure below, not drawn to scale, is made up of 1-m squares. Find its perimeter.



Answer : _____ m

Study the diagram below carefully and answer questions 17 and 18.



17. Name a vertical line.

Answer : _____

18. Name a pair of parallel lines.

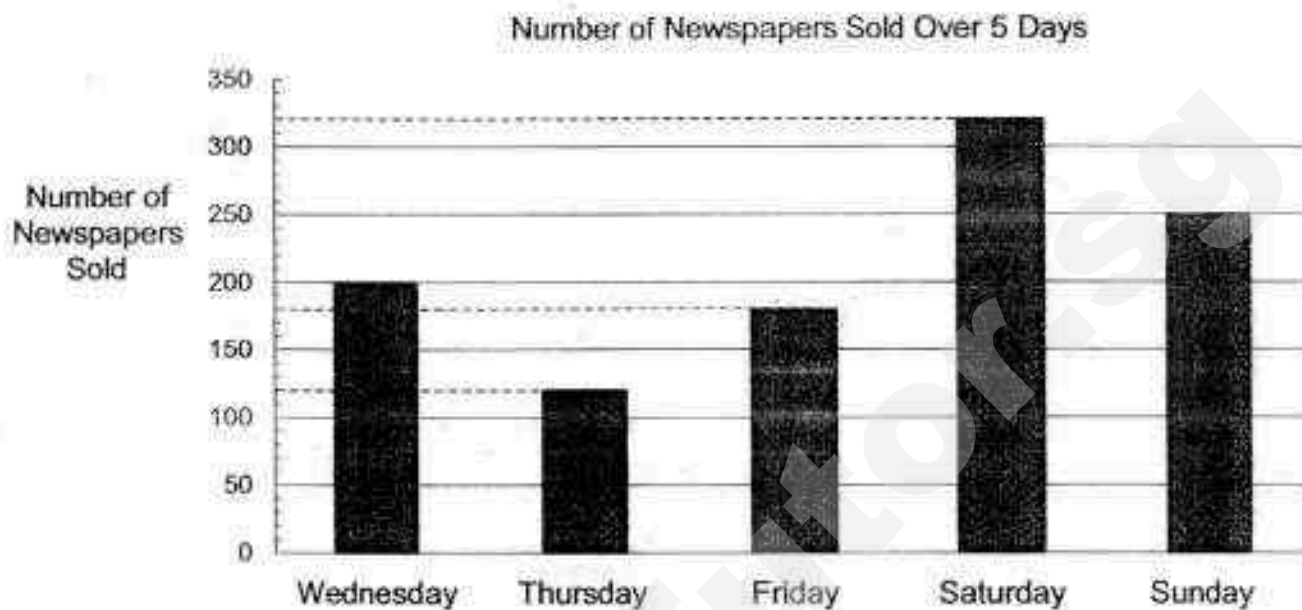
Answer : _____ // _____

19. How many minutes are there from 11.41 p.m. to 12.18 a.m.?



Answer : _____ min

The bar graph below shows the number of newspapers sold over a period of 5 days. Study the graph carefully and answer questions 20 and 21.



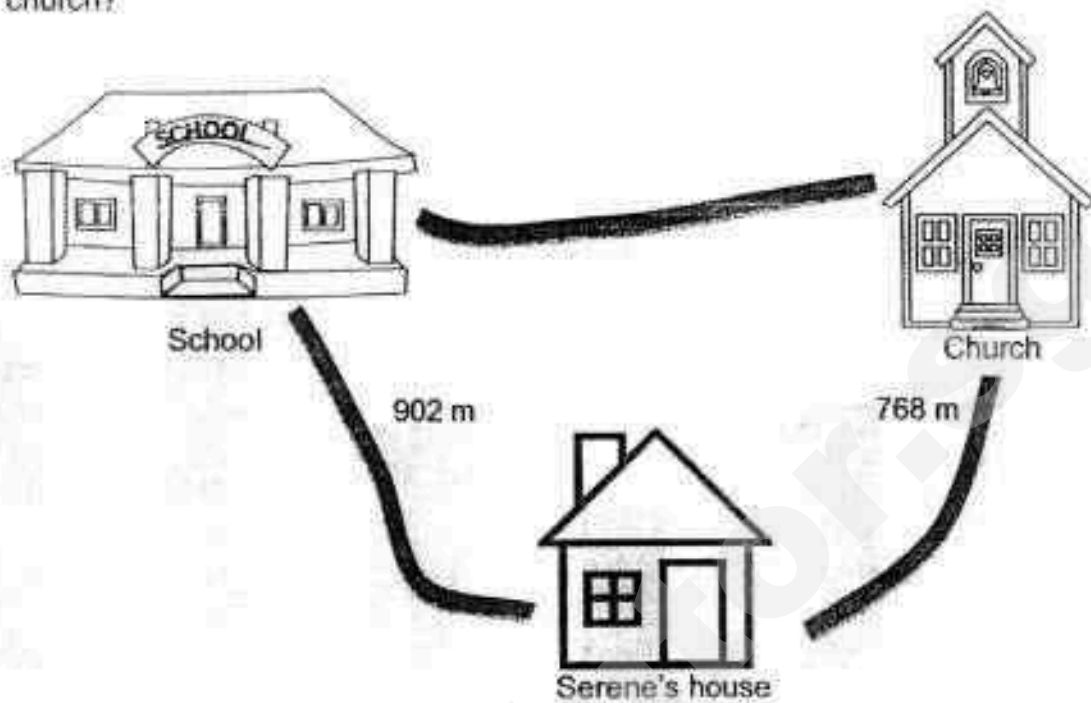
20. On which day was the least number of newspapers sold?

Answer : _____

21. How many more newspapers were sold on Sunday than on Friday?

Answer : _____

22. Look at the picture below. How much further is Serene's house to school than to church?



Answer : _____ m

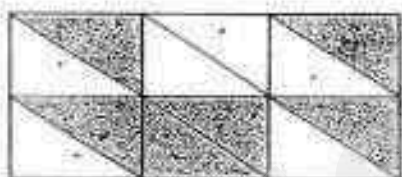
23. There are 42 pupils in Primary 3G. During assembly, all the pupils sit equally in 6 rows. How many pupils are there in each row?

Answer : _____

24. Kylie had 4 ten-dollar notes and 3 two-dollar notes. After she bought a doll for \$23.65, how much money had she left?

Answer: \$ _____

25. What fraction of the figure below is **shaded**? Express your answer in the simplest form.



Answer: _____

26. What is the missing number in the box?

$$\frac{2}{6} = \frac{\boxed{?}}{9}$$

Answer: _____

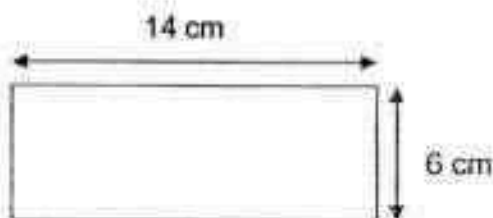
27. Carol bought a carton of milk and a lollipop. The carton of milk costs \$2.90. She paid the cashier \$5 and received a change of \$1.10. How much did the lollipop cost?

Answer : \$ _____

28. The difference between two numbers is 185. The smaller number is 776. What is the bigger number?

Answer : _____

29. The breadth of a rectangular piece of paper is 6 cm. The length of the paper is 14 cm. What is the perimeter of the piece of paper?



Answer : _____ cm

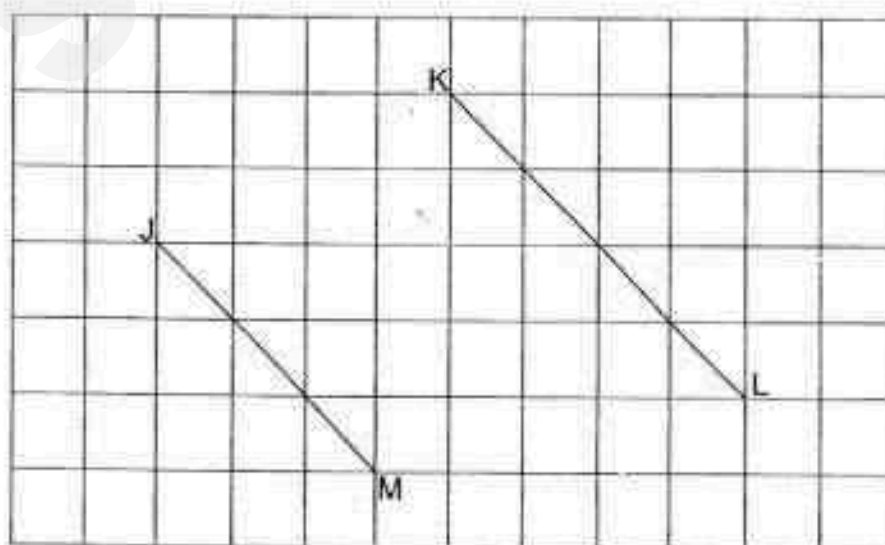
30. A tailor sews 7 buttons on each blouse. How many buttons does the tailor have if he has 2 buttons left after sewing 84 blouses?

Answer : _____

31. 378 rubber bands were shared equally among some children. If there were 9 children, how many rubber bands did each child receive?

Answer : _____

32. The figure below shows 2 straight lines JM and KL. Use a set-square to draw a line parallel to the 2 given lines.



33. 500 g of flour is packed into 2 bags. One bag has 100 g more flour than the other bag. What is the mass of the lighter bag?

Answer : _____ g

34. Ian has 3 different shirts and 3 different pairs of shorts. In how many ways can he wear his shirts and shorts?

Answer : _____

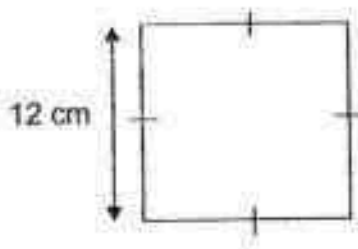
SECTION C - Problem Sums (22 Marks)

Questions 35 to 36 carry 3 marks each. Questions 37 to 40 carry 4 marks each. Show your working and mathematical statements clearly in the space below each question. All figures are not drawn to scale. Write your answer in the answer space provided. Express your answers in the units stated and in its simplest form whenever possible.

35. Peter and Mark picked up a total of 150 cans. For every 3 cans that Peter picked up, Mark picked up 2 cans. How many did Peter pick up?

Answer: _____ [3]

36. A piece of rope is 100 cm long. It is cut into 2 pieces. One piece is used to form a square. Each side of the square is 12 cm. What is the length of the other piece?



Answer: _____ [3]

37. Ryan started working at 8.30 a.m. in the morning. He worked for 4 h 15 min before he went for his lunch.

(a) What time did he go for his lunch?

(b) He worked 1 h 55 min more after his lunch. How long did he work in total?

Answer: (a) _____ [2]

(b) _____ [2]

38. A farmer plucked 1 734 apples from his orchard. He packed 1 056 of the apples into boxes and gave the rest to his friends.

(a) How many apples did the farmer give to his friends?

(b) The farmer then packed 8 apples in a box. How many boxes of apples did he pack?

Answer: (a) _____ [2]

(b) _____ [2]

39. Brandon drinks 225 ml of milk in a day.
His baby brother drinks 8 times as much milk as him.
His sister drinks 75 ml less milk than Brandon.

- (a) How much milk does Brandon's baby brother drink daily?
(b) How much milk does Brandon's sister drink daily?

Answer: (a) _____ [2]

(b) _____ [2]

40. Lawrence saved \$5 in Week 1. He saved \$10 in Week 2. He saved \$15 in Week 3. He continued saving in this pattern. (You may make a table.)

(a) In which week did he save \$30?

(b) How much would he save in Week 8?

Week	Total Amount of \$ Saved

Answer: (a) _____ [2]

(b) _____ [2]

End-of-Paper

YEAR : 2016
 LEVEL : PRIMARY 3
 SCHOOL : ANGLO-CHINESE
 SUBJECT : MATHEMATICS
 TERM : SA2

Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	2	3	1	2	3	1	3	4	2

Booklet B

Q11 $\frac{6}{7}$

Q12 170 min

Q13 $\frac{3}{5}, \frac{3}{7}, \frac{3}{11}$

Q14 1 kg 200 g

Q15 $\frac{3}{8}$

Q16 16 m

Q17 QR

Q18 PS // QR

Q19 37 min

Q20 Thursday

Q21 $250 - 180 \Rightarrow \underline{70 \text{ more newspapers}}$

Q22 $902 - 768 \Rightarrow \underline{134 \text{ m}}$

Q23 $42 \div 6 \Rightarrow \underline{7 \text{ pupils}}$

Q24 $\$46.00 - \$23.65 \Rightarrow \$22.35$

Q25 $\frac{1}{2}$

Q26 3

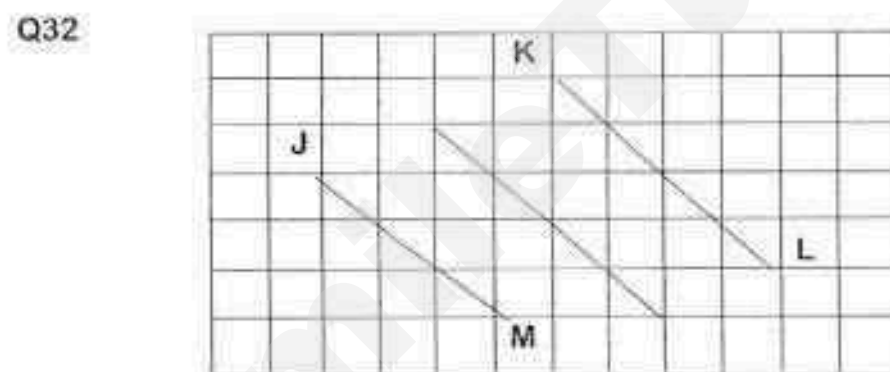
Q27 $\$2.90 + \$1.10 \rightarrow \$4.00$
 $\$5.00 - \$4.00 \Rightarrow \$1 \text{ each lollipop}$

Q28 $776 + 185 \Rightarrow 961$

Q29 $14 \times 2 = 28$
 $6 \times 2 = 12$
 $28 + 12 \Rightarrow 40 \text{ cm}$

Q30 $84 \times 7 \rightarrow 588$
 $588 \div 2 \Rightarrow 294 \text{ buttons}$

Q31 $378 \div 9 \Rightarrow 42 \text{ rubber bands}$



Q33 $500 - 100 \rightarrow 400$
 $400 \div 2 \Rightarrow 200 \text{ g}$

Q34 9 ways

Q35

Peter	Mark	Total
30	20	50
60	40	100
90	60	150

Answer \Rightarrow Peter picked up 90 cans.

Q36 $12 \times 4 \rightarrow 48$
 $100 - 48 \Rightarrow 52 \text{ cm}$

Q37 (a) $\begin{array}{c} 15 \text{ min} \quad 4 \text{ hour} \\ \hline 8:30\text{am} \quad | \quad 8:45\text{am} \quad | \quad 12:45\text{pm} \end{array}$

Answer \Rightarrow 12:45 pm

(b) $4 \text{ h } 15 \text{ min} + 1 \text{ h } 55 \text{ min} \Rightarrow$ 6 h 10 min

Q38 (a) $1734 - 1056 \Rightarrow$ 678 apples

(b) $1056 \div 8 \Rightarrow$ 132 boxes

Q39 (a) $225 \times 8 \Rightarrow$ 1800 ml

(b) $225 - 75 \Rightarrow$ 150 ml

Q40 (a) Answer \Rightarrow Week 6

Week	Total Amount of \$ Saved
1	\$5
2	\$10
3	\$15
4	\$20
5	\$25
6	\$30
7	\$35
8	\$40
9	\$45
10	\$50
11	\$55
12	\$60

(b) Answer \Rightarrow \$40

End



NAN HUA PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2 – 2016
PRIMARY THREE
MATHEMATICS

INSTRUCTIONS TO CANDIDATES

1. Write your name, register number and class in the space provided.
 2. Do not turn over the page until you are told to do so.
 3. Follow all instructions carefully.
 4. Answer all questions.
 5. Shade your answers in the Optical Answer Sheet (OAS) provided for Questions 1 - 15.
-

Marks Obtained

Section	Maximum Marks	Actual Marks
A	30	
B	30	
C	20	
Total	80	

Name : _____ ()

Class : Pr 3 _____

Date : 26 October 2016

Duration: 1 h 45 min

Parent's Signature : _____

Section A : Multiple-Choice Questions (30 marks)

Questions 1 to 15 carry 2 marks each. For each question, four options are given. Only one of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade the correct oval on the Optical Answer Sheet (OAS).

1. In 9 706, the digit _____ is in the hundreds place.

- (1) 0
- (2) 6
- (3) 7
- (4) 9

()

2. 4 thousands and 50 tens make _____.

- (1) 54
- (2) 450
- (3) 4 050
- (4) 4 500

()

3. The sum of 500 and _____ is 8 530.

- (1) 830
- (2) 8 580
- (3) 8 030
- (4) 9 030

()

4. How many hundreds are there in _____.

- (1) 8
- (2) 28
- (3) 280
- (4) 800

()

5. The product of 8 and _____ is 72.

- (1) 9
- (2) 64
- (3) 80
- (4) 576

()

6. Which of the following has the greatest value?

- (1) 1 ten-dollar note and 6 ten-cent coins
- (2) 6 two-dollar notes and 5 ten-cent coins
- (3) 3 five-dollar notes and 1 fifty-cent coin
- (4) 1 ten-dollar note and 4 twenty-cent coins

()

7. What is the time shown on the clock below?



- (1) 10 minutes to 3
- (2) 10 minutes past 3
- (3) 20 minutes past 10
- (4) 10 minutes before 4

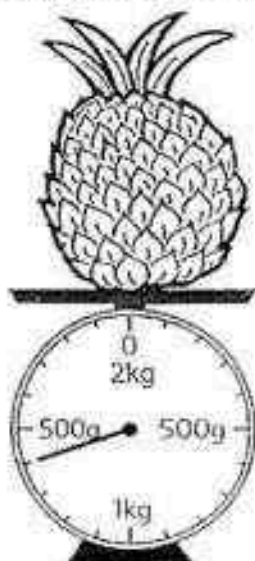
()

8. Grace used a 45-cm ribbon to tie Gift A. Eileen used another ribbon which was 3 times as long to tie Gift B. What was the length of ribbon Eileen used?

- (1) 15 cm
- (2) 90 cm
- (3) 135 cm
- (4) 180 cm

()

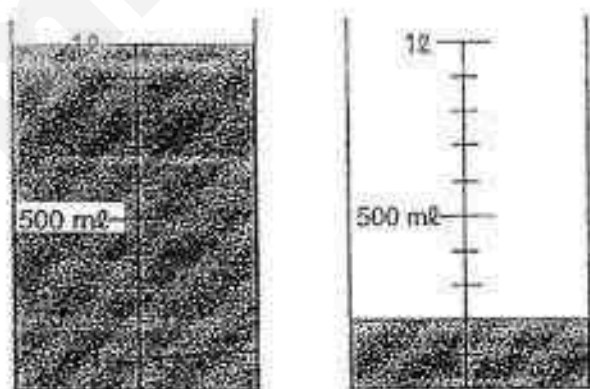
9. What is the mass of the pineapple shown below?



- (1) 400 g
- (2) 900 g
- (3) 1 400 g
- (4) 1 450 g

()

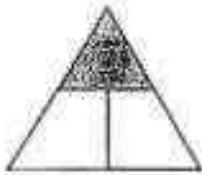
10. Look at the diagram below. How much more water is required to make 2ℓ of water?



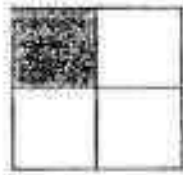
- (1) 200 mL
- (2) 800 mL
- (3) 1 000 mL
- (4) 1 200 mL

()

11. Which of the following figure(s) below show(s) $\frac{1}{4}$ shaded?



(A)



(B)



(C)

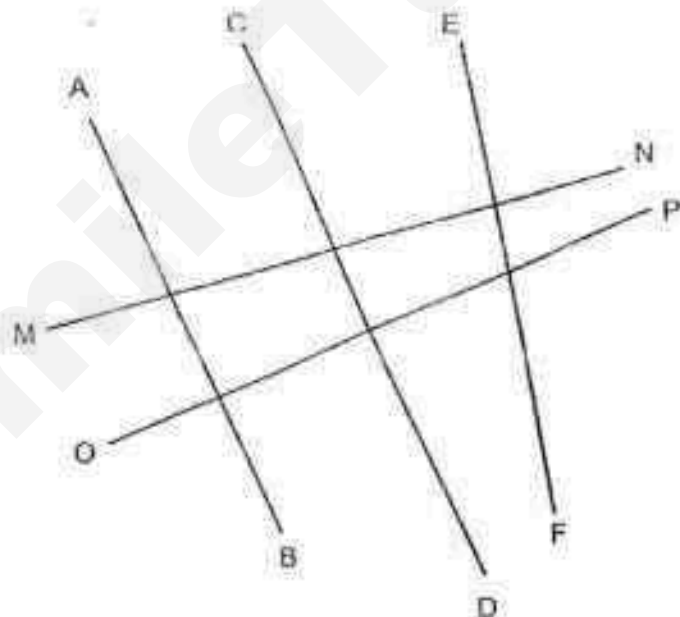


(D)

- (1) B only
 (2) B and C
 (3) B and D
 (4) A, B and D

()

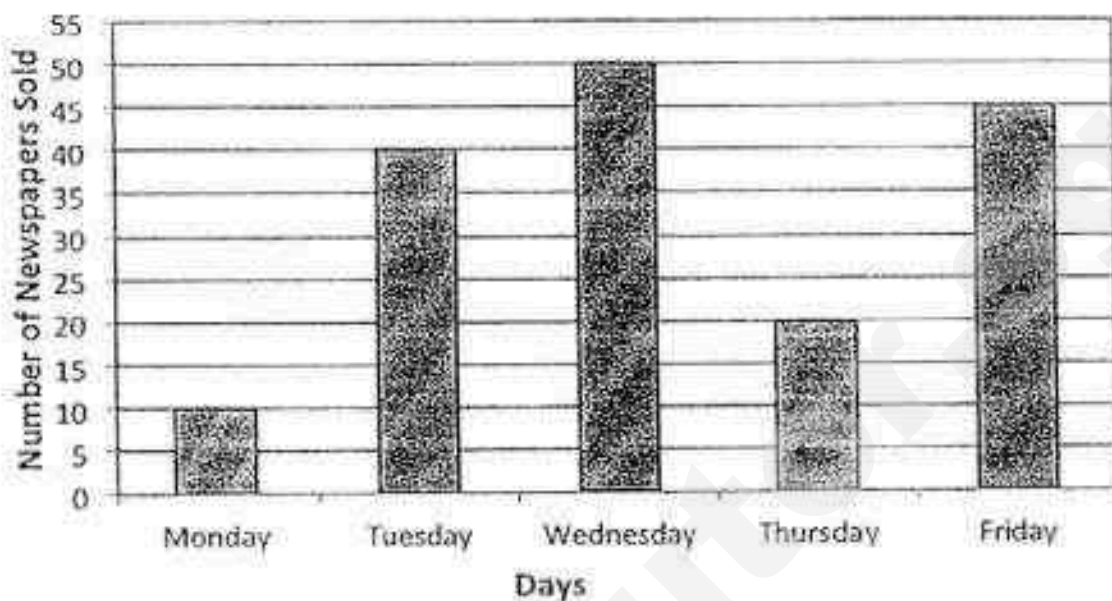
12. In the figure below, name the line which is parallel to CD.



- (1) Line AB
 (2) Line EF
 (3) Line MN
 (4) Line OP

()

The graph below shows the number of newspapers sold by Mr Tan from Monday to Friday. Study the graph carefully and answer Questions 13 and 14.



13. How many more newspaper did he sell on Wednesday than on Monday?

- (1) 10
- (2) 40
- (3) 50
- (4) 60

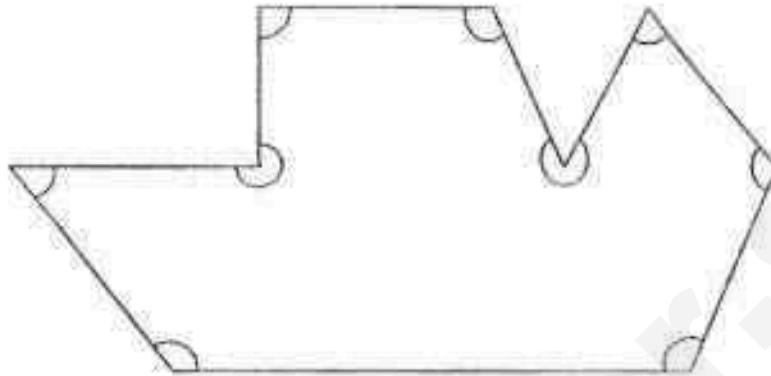
()

14. On which day did Mr Tan sell **twice** as many newspapers as he did than on Thursday?

- (1) Monday
- (2) Tuesday
- (3) Wednesday
- (4) Friday

()

15. In the figure below, how many angles inside the figure are smaller than a right angle?



- (1) 1
- (2) 2
- (3) 3
- (4) 4

Section B : Short Answer Questions (30 marks)

Questions 16 to 25 carry 1 mark each. Questions 26 to 35 carry 2 marks each. For each question, show your workings clearly in the space below and write your answer in the box provided. Give your answer in the unit stated.

16. Write 7 415 in words.

Ans:

17. Complete the following number pattern.

4 265 , 4 274 , 4 283 , _____ , 4 301

Ans:

--

18. Find the quotient of 947 and 7.

Ans:

--

19. Arrange these numbers in order. Begin with the greatest number.

5 186

5 126

6 518

5 268

--

--

--

--

Greatest

20. $400 \times 8 =$ _____

Ans:

21. $3 \times 4 = 2 \times$?

What is the missing number?

Ans:

22. How many twenty-cent coins make \$3.00?

Ans:

twenty-cent coins

23. $\$36.70 - \$4.90 =$ _____

Ans: \$

24. Express the length in **metres** and **centimetres**.

$$860 \text{ m} = \underline{\hspace{2cm}} \text{ m } \underline{\hspace{2cm}} \text{ cm}$$

Ans:

m

cm

25. Edison cycled 1 km 20 m to the library and then cycled 300 m to the park.
How far did he cycle in total? Express your answer in metres.

Ans:

m

26. Mary collected a total of 126 seashells. She packed them equally into bags of 9.
How many bags of seashells did she have?

Ans:

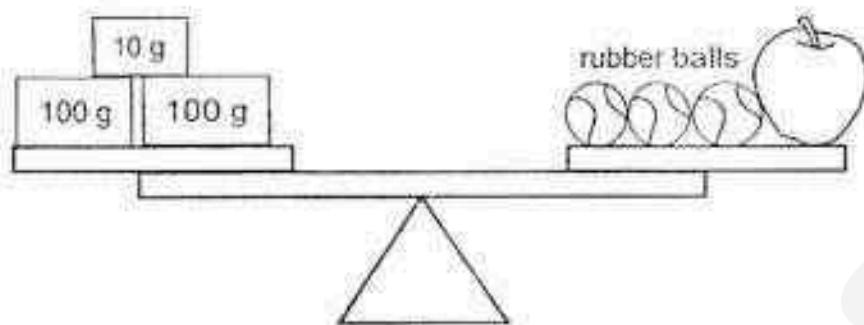
bags

27.

$$\frac{1}{3} - \frac{2}{9} =$$

Ans:

28. Look at the diagram below. If the apple has a mass of 75 g, find the mass of one rubber ball. (The rubber balls are of equal mass.)



Ans:

 g

29. A jug contained 140 ml of orange syrup. Justin poured 2 cans of soda into the jug. Each can contained 330 ml of soda. What was the total volume of orange soda in the jug?



Ans:

 ml

30. Mr Raju requires 6 square carpets to completely cover the floor of his bedroom. Each square carpet has a length of 3 m, what is the area of the bedroom floor?



Ans:

 m²

31. Look at the figure below. If the length is twice as long as its breadth, find the perimeter of the rectangle. The figure is not drawn to scale.



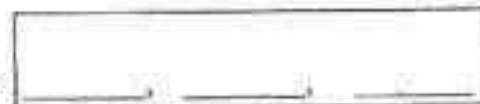
Ans:



32. Arrange these fractions in order. Begin with the greatest fraction.

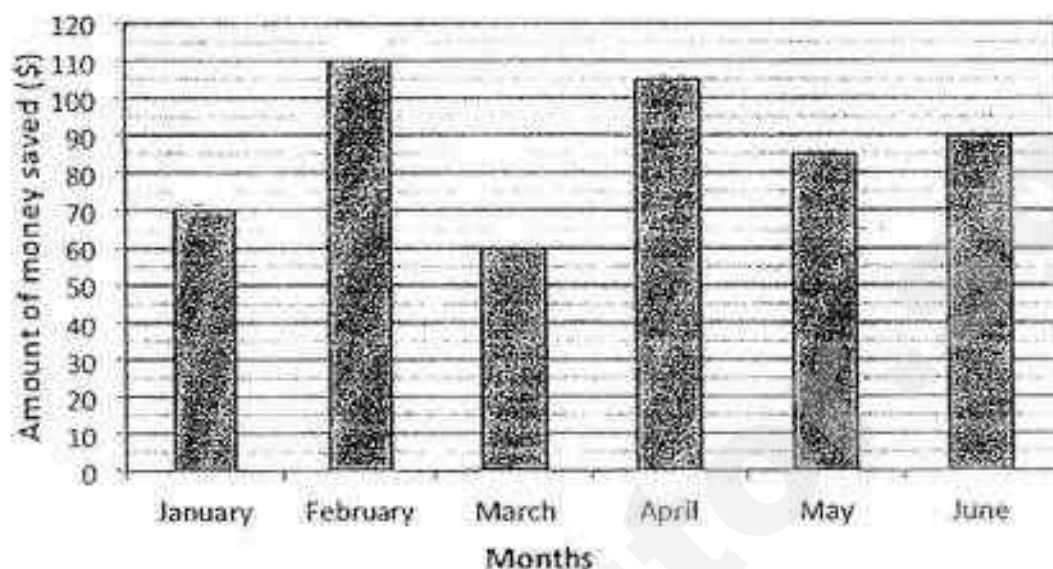
$$\frac{1}{5} \times \frac{1}{7} + \frac{9}{10}$$

Ans:



greatest

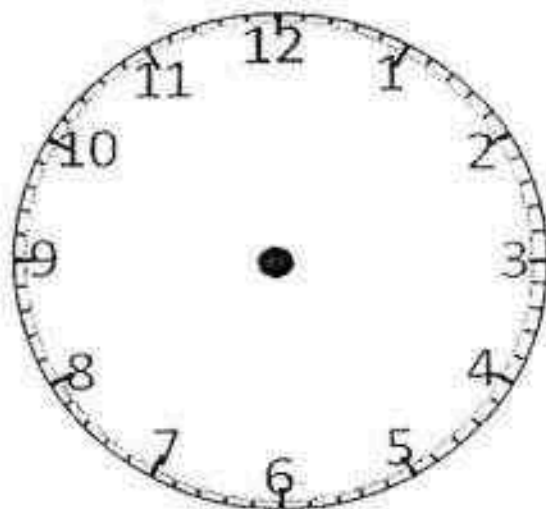
The graph below shows the amount of money Roslan saved over six months. Study the graph carefully and answer Question 33.



33. Roslan wanted to buy a mobile phone that cost \$200. If he started saving in January, which was the earliest month he would have enough money to buy it?

Ans:

34. Draw the minute hand on the clock below to show 5 minutes to 8.



35. Look at the letters below.
List down the letter(s) that has/ have perpendicular lines in them.

M A T H S

Ans:

Section C: (5 x 4 marks)

Answer all the questions. All number sentences, statements and workings must be clearly shown.

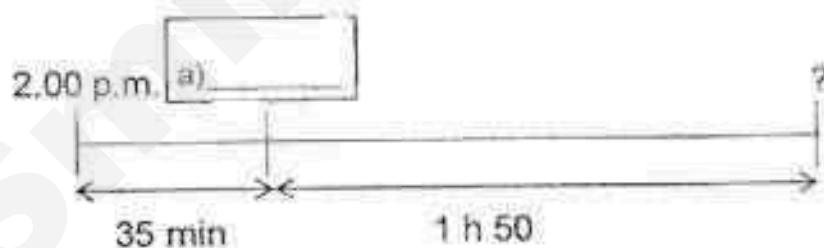
36. 3 672 people visited the museum on Saturday.
There were 510 more visitors on Sunday than on Saturday.
How many people visited the museum altogether over the weekend?

37. Mrs Lim baked 241 egg tarts.
She packed them into boxes which can hold 4 egg tarts each.
What was the least number of boxes that she will need to pack all the egg tarts?

38. Wei Ming and Samuel had a total of \$102.
After Wei Ming spent \$6 on food, he had twice as much money as Samuel.
How much money did Samuel have?

39. Salmah left home for the cinema at 2.00 p.m.
She arrived at the cinema 35 minutes later and then watched a movie that
was 1 h 50 min long.

a) Complete the timeline below by filling in the missing time.



b) What time did the movie end?

40. A piece of paper had a length of 15 cm and breadth of 10 cm. Four identical squares with sides of 2 cm were cut out from the corners as shown.

(a) What was the area of the paper before it was cut?

(b) What was the area of the paper after the four corners were cut?



Check your work carefully....

EXAM PAPER 2016 (P3)

SCHOOL : NAN HUA

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	3	2	1	3	4	3	3	2
Q11	Q12	Q13	Q14	Q15					
1	1	2	2	2					

16) Seven thousand, four hundred and fifteen

17) 4292 18) 135 19) 6518, 5268, 5186, 5125 20) 3200 21) 6

22) 15 23) \$31.80 24) 8 m 60cm 25) 1320m 26) 14 27) $1/9$

28) $210\text{g} - 75\text{g} = 135\text{g}$

$$135\text{g} \div 3 = 45\text{g}$$

29) $330\text{ml} \times 2 = 660\text{ml}$

$$660\text{ml} + 140\text{ml} = 800\text{ml}$$

30) $6 \times 9 = 54\text{ m}^2$

31) perimeter = $8 + 8 + 4 + 4 = 24\text{m}$

32) $9/10, 1/5, 1/7$

33) March

34)



35) T, H

36) $3672 + 510 = 4182$

$$4182 + 3672 = 7854$$

7854 people visited the museum over the weekend.

37) $241 \div 4 = 60r1$

$$60 + 1 = 61$$

The least number of boxes is 61.

38) $\$102 - 6 = \96

$$\$96 \div 3 = \$32$$

Samuel have \$32

39) a) 2.35p.m.

b) The movie end at 4.25p.m.

40) a) The area of the paper before cut is 150cm^2

b) $(2 \times 2 = 4\text{ cm}^2)$

$$(4 \times 4 = 16\text{cm}^2)$$

$$(150 - 16 = 134\text{cm}^2)$$

Area is now 134cm^2



PRIMARY 3 END-OF-YEAR EXAMINATION 2016

Name : _____ () Date: 24 October 2016

Class : Primary 3 ()

Time: 8.00 a.m. - 9.00 a.m.

Parent's signature : _____ Marks: _____ / 60

MATHEMATICS

PAPER 1

(BOOKLETS A & B)

Time for Paper 1 is 1 hour.

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Booklet A	10
Booklet B	20
Total for Paper 1	30

Paper 1: Booklet A (10 marks)

Questions 1 to 10 carry 1 mark each. For each question, four options are given. One of them is the correct answer. Make your choice (1 , 2 , 3 or 4).

Shade the correct answer on the Optical Answer Sheet (OAS).

1. Which one of the following numbers has the digit 2 in the hundreds place ?

- (1) 2965
- (2) 5692
- (3) 6529
- (4) 9265

2. What is the sum of 5397 and 2684 ?

- (1) 8081
- (2) 8071
- (3) 7981
- (4) 7081

3. $387 \times 9 =$ _____

- (1) 2723
- (2) 2783
- (3) 3423
- (4) 3483

4.

$$\begin{array}{r} 687 \text{ R5} \\ 6 \overline{) \boxed{?}} \end{array}$$

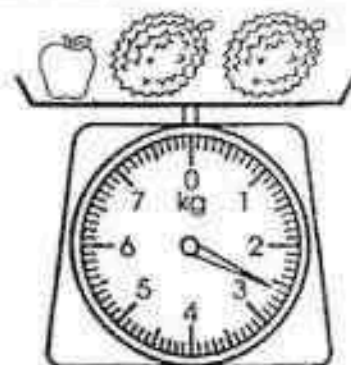
What is the missing number in the box ?

- (1) 4152
- (2) 4127
- (3) 4122
- (4) 4117

5. Desmond has 8 twenty-cent coins, 3 one-dollar coins and 2 ten-dollar notes. How much money does Desmond have altogether ?

- (1) \$13
- (2) \$23
- (3) \$24.60
- (4) \$4.60

6. The apple weighs 200 g and both durians are of the same mass. What is the mass of one durian ?

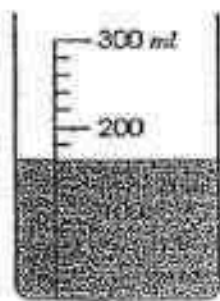


- (1) 2400 g
- (2) 2600 g
- (3) 1200 g
- (4) 1300 g

7. Belinda has a piece of cloth which is 5 m long. She uses 2 m 25 cm to make a dress and 85 cm to make a bag. What is the length of cloth she had left?

- (1) 190 cm
- (2) 275 cm
- (3) 310 cm
- (4) 415 cm

8. What is the amount of water in the beaker?



- (1) 130 ml
- (2) 160 ml
- (3) 30 ml
- (4) 60 ml

9. Which one of the following fractions is the greatest?

(1) $\frac{5}{6}$

(2) $\frac{5}{7}$

(3) $\frac{5}{8}$

(4) $\frac{5}{9}$

10. Edwin left his house at 8 a.m. to go to the library. He passed the park at 9.10 a.m. Then he took another 20 minutes to cycle to the library. How long did he take to travel from his house to the library?



(1) 110 min

(2) 130 min

(3) 1 h 10 min

(4) 1 h 30 min

End of Booklet A

Paper 1: Booklet B (20 marks)

Each question carries 1 mark. Write your answers in the boxes provided.

Give your answers in the units stated.

11. Complete the number pattern.

2, 4, 8, 16, _____, 64, 128, 256

Ans :

12. What is the value of 8 thousands, 2 hundreds and 9 ones?

Ans :

13. What is the missing number in the box?

7850 is tens more than 7800.

Ans :

14. Express 6 km 75 m in metres.

Ans :

 m

15. Edwin wants to buy a T-shirt as shown below. He has only \$8.50.

How much more money does he need?



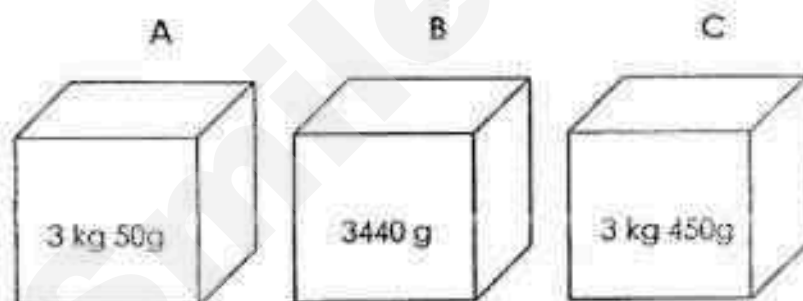
Ans :

 \$

16. Jacob bought 1 m 50 cm of ribbon. He used 50 cm to tie a present. He cut the remaining ribbon into equal pieces of 10 cm each. How many such pieces of ribbon could he get?

Ans :

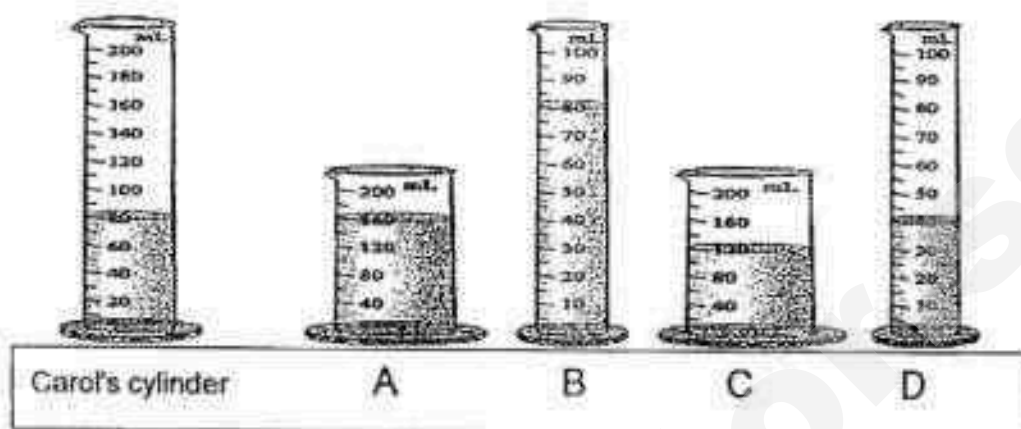
17. The objects below are made of different materials. Which object is the lightest?



Ans :

Object

18. The five cylinders below contained some water. Carol poured all the water from her cylinder into **one of the cylinders (A, B, C or D)**. Which cylinder will hold all her water?



Ans:

Cylinder

19. Find the difference between $\frac{2}{3}$ and $\frac{2}{9}$.

Ans:

20. Jolene took 35 minutes to practise playing the piano.
She then took 25 minutes to read a book.
She completed both activities at the time shown.
The clock was 10 minutes slow.
What was the actual time she started her piano practice?



Ans :

p.m.

21. A number is between 26 and 35. When it is divided by 3, the quotient is a whole number. When it is divided by 5, the quotient is also a whole number.
What is the number ?

Ans :

22. Winston cycled from Point A to Point D.
The total distance he cycled was 5 km 950 m.

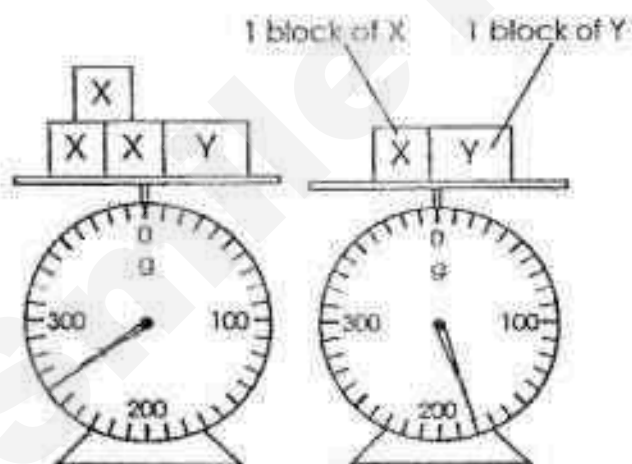


The distance between Point B and Point C is _____ km _____ m.

Ans: _____

km m

23. Study the diagram below:

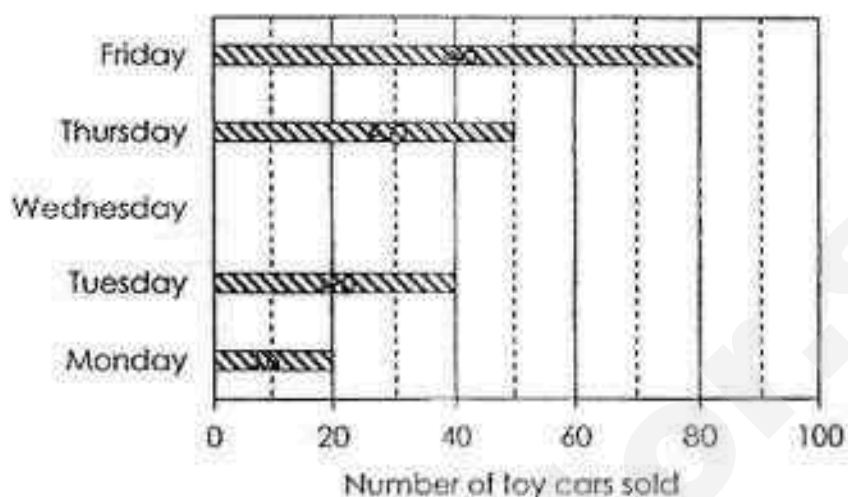


What is the mass of each block of X?

Ans: _____

g

The graph below shows the number of toy cars sold in 5 days. Study the graph carefully and use it to answer questions 24 and 25.



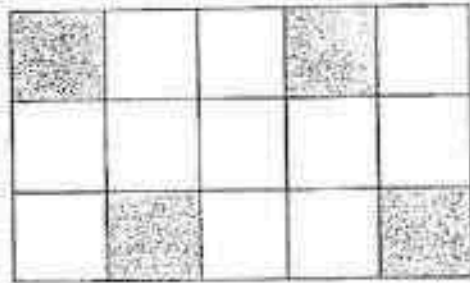
24. 280 toy cars were sold from Monday to Friday. How many toy cars were sold on Wednesday ?

Ans :

25. The number of toy cars sold on Sunday was twice the number sold on Thursday. How many toy cars were sold on Sunday ?

Ans :

26. The figure below is made up of 15 similar squares.



How many more squares must be shaded so that $\frac{3}{5}$ of the whole figure becomes shaded?

Ans :

27. Circle the letter that has a pair of perpendicular lines.

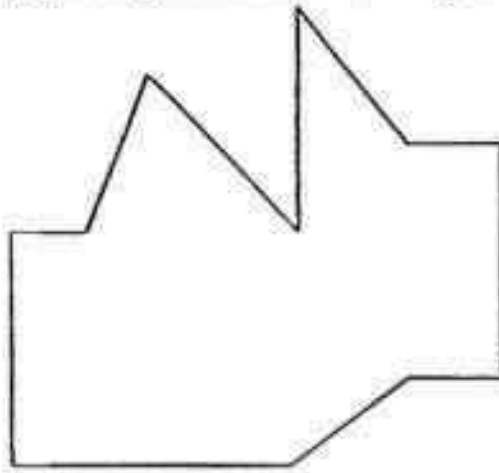
T

A

Z

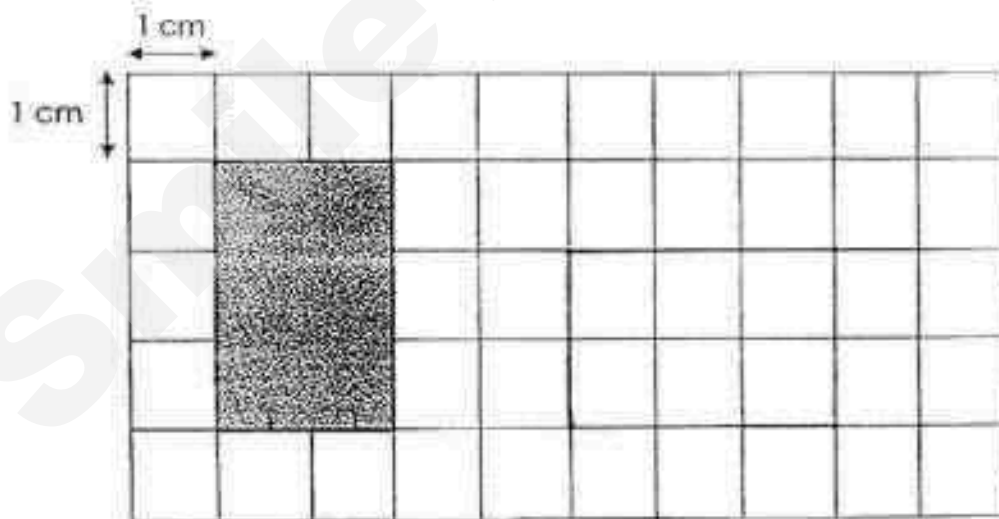
X

28. How many right angles are there in the figure below?



Ans :

29. Draw one more figure with the same perimeter as the given figure.



30. The length of a rectangular field is twice as long as its breadth. The perimeter of the rectangular field is 36 m. What is the area of the rectangular field?

Ans :

	m ²
--	----------------

End of Booklet B



PRIMARY 3 END-OF-YEAR EXAMINATION 2016

Name : _____ (5) Date: 24 October 2016

Class : Primary 3 () Time: 10.30 a.m. - 11.30 a.m.

Parent's signature : _____ Marks: _____ / 30

MATHEMATICS

PAPER 2

Time for Paper 2 is 1 hour.

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Paper 2 (30 marks)

Each question carries 3 marks.

Show all your working and statements clearly.

1. There were 6780 people in a stadium. There were 5200 adults and 750 girls. How many boys were there ?

Ans: _____

2. A baker baked 108 cupcakes. He packed them into boxes of 4 cupcakes each. He sold all the boxes at \$9 each. How much money did he collect altogether ?

Ans: _____

3. Mr Chua has a bag containing 233 sweets. If he gives each of his pupils 6 sweets, he would be left with 5 sweets. How many pupils does he have in his class?

Ans: _____

4. Bottles A, B and C contain 1350 ml of apple juice altogether.
Bottle A contains 100 ml more apple juice than Bottle B.
Bottle C contains 250 ml more apple juice than Bottle A.
How much apple juice does Bottle B contain?

Ans: _____

5. David is 6 years old. Shawn is 30 years old. In how many years' time will Shawn's age be 4 times of David's age ?

Ans: _____

6. James had twice as many stamps as Bryan. After Bryan bought another 50 stamps, Bryan had thrice as many stamps as James. How many stamps did James have ?

Ans: _____

7. 40 poles are placed at regular intervals from the beginning of a road to the end of it. The distance between two poles is 5 m. How long is the road ?



Ans: _____

8. Isabelle and Cecilia have 136 stickers. After giving 4 stickers to Cecilia, Isabelle has 3 times as many stickers as Cecilia. How many stickers did Isabelle have at first ?

Ans: _____

9. There were 3 similar big boxes of the same mass. There were another 4 similar small boxes of the same mass. The total mass of the big and small boxes was 90 kg. The mass of a big box was twice the mass of a small box. Find the total mass of a big box and a small box.

Ans: _____

10. Benedict used 84 sticks to make a total of 22 triangles and pentagons. A triangle was made using 3 sticks and a pentagon was made using 5 sticks. How many pentagons were there?



Triangle



Pentagon

Ans: _____

END OF PAPER

EXAM PAPER 2016 (P3)

SCHOOL : TOA NAN

SUBJECT : MATHEMATICS

TERM : SA2

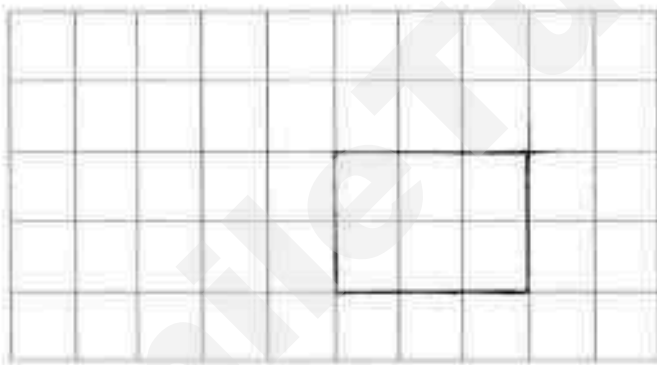
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	1	4	2	3	3	1	2	1	4

11)32 12)8209 13)5 14)6075 15)\$5.50 16)10

17)A 18)C 19)4/9 20)1.10p.m. 21)30 22)2 km 620m

23)40g 24)90 25)100 26)5 27)T 28)4

29)



30)72 m²

Paper 2

1) $5200 + 750 = 5950$

$6780 - 5950 = 830$

There were 830 boys.

2) $108 \div 4 = 27$

$27 \times \$9 = 243$

He collected \$243 altogether

3) $233 \div 6 = 38 \text{ R}5$

$233 - 5 = 228$

$228 \div 6 = 38$

He have 38 pupils in his class

4) $1350\text{ml} - 100\text{ml} - 100\text{ml} - 250\text{ml} = 900\text{ml}$

$900\text{ml} \div 3 = 300\text{ml}$

Bottle B contains 300ml of apple juice.

5) $24 \div 3 = 8$

$8 - 6 = 2$

Shawn's age will be 4 times of David's age in 2 years' time.

6) $50 \div 5 = 10$

$10 \times 2 = 20$

James had 20 stamps.

7) $40 - 1 = 39$

$39 \times 5\text{m} = 195\text{m}$

The road is 195m long.

8) $136 \div 4 = 34$

$34 \times 3 = 102$

$102 + 4 = 106$

Isabelle had 106 stickers at first.

9) $90\text{kg} \div 10 = 9\text{kg}$

$9\text{kg} \times 3 = 27\text{kg}$

The total mass of a big box and a small box is 27kg.

10) Assume all are triangles

$22 \times 3 = 66$

$84 - 66 = 18$ (lack)

$5 - 3 = 2$ (difference)

$18 \div 2 = 9$

There were 9 pentagons.



Temasek Primary School
Semestral Assessment 2
Primary Three
2016

MATHEMATICS
BOOKLET A

Name : _____ ()

Class : Primary 3 _____

Date : 27th October 2016

Parent's Signature: _____

Total Time for Booklets A & B: 1 h 45 min

Instructions to Candidates:

1. Write your name, class and register number in the spaces provided clearly.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Shade your answers in the Optical Answer Sheet (OAS) provided.
6. You are **NOT** allowed to use a calculator.

Section A

Questions 1 to 20 carry 2 marks each. For each question, 4 options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. You are **not** allowed to use a calculator.

(40 marks)

1. In 7896, the digit 7 is in the _____ place.

- (1) ones
- (2) tens
- (3) hundreds
- (4) thousands

2. Find the sum of 3019 and 4286.

- (1) 7205
- (2) 7295
- (3) 7305
- (4) 7395

6. Mr Bala finds the mass of a watermelon using a weighing scale.



What is the mass of the watermelon?

- (1) 3 kg 30g
- (2) 3 kg 300g
- (3) 4 kg 40g
- (4) 4 kg 400g

3. $7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 =$ _____

(1) $8 \times 8 \times 8 \times 8 \times 8 \times 8 \times 8$

(2) 8 groups of 7

(3) 7 groups of 8

(4) 54

4. The height of a classroom door is about _____.

(1) 2 m

(2) 2 cm

(3) 20 m

(4) 20 cm

5. $\frac{15}{35}$ and _____ are equivalent fractions.

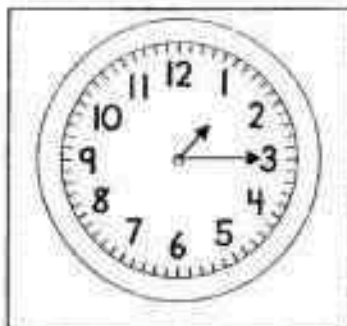
(1) $\frac{3}{7}$

(2) $\frac{3}{5}$

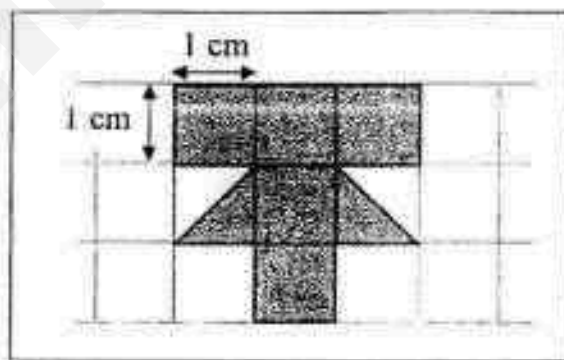
(3) $\frac{45}{70}$

(4) $\frac{45}{60}$

7. The time shown on the clock below is _____.



- (1) 15 minutes to 1
(2) 15 minutes past 1
(3) 15 minutes to 2
(4) 15 minutes past 2
8. The shaded figure below is not drawn to scale. Find the area of the shaded figure.

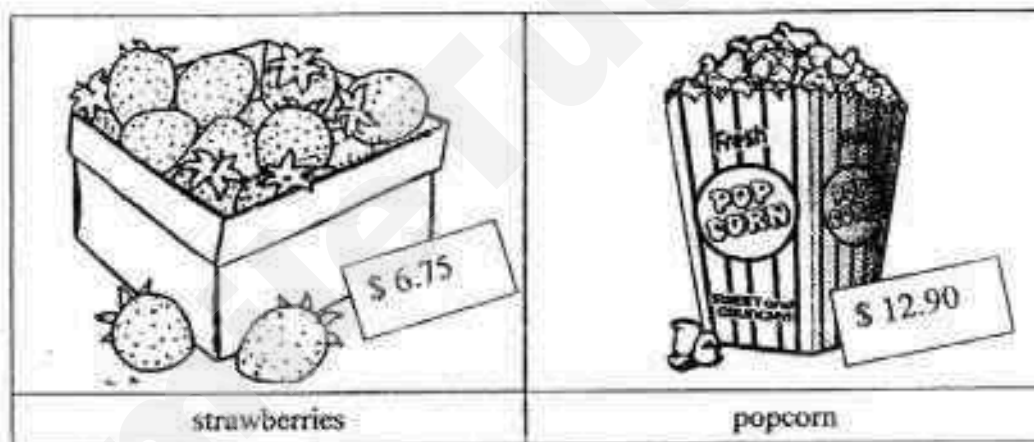


- (1) 5 cm²
(2) 6 cm²
(3) 7 cm²
(4) 9 cm²

9. $5000 - \underline{\hspace{2cm}} = 2579$

- (1) 2420
- (2) 2421
- (3) 2431
- (4) 2439

10. The picture shows the costs of popcorn and strawberries.



How much more does the popcorn cost than the strawberries?

- (1) \$6.15
- (2) \$6.25
- (3) \$18.65
- (4) \$19.65

11. Which one of the following fractions is less than $\frac{1}{2}$?

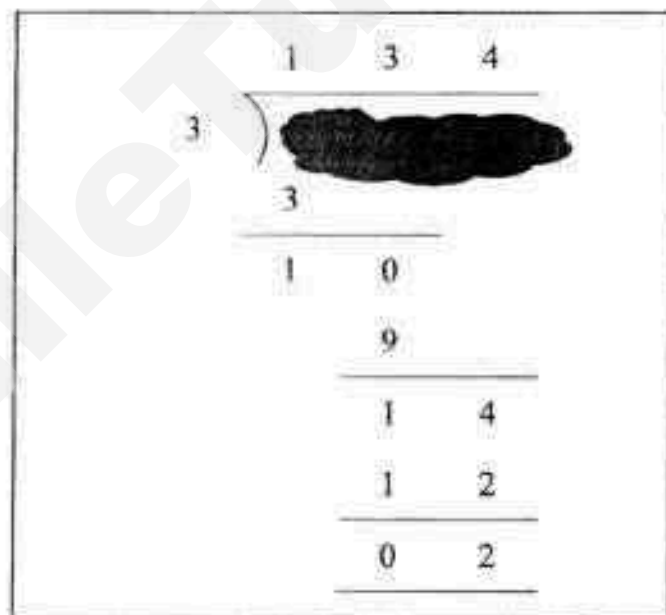
(1) $\frac{4}{9}$

(2) $\frac{4}{8}$

(3) $\frac{4}{6}$

(4) $\frac{4}{5}$

12. Stuart spilled some ink onto his worksheet. What was the number covered by the ink?



(1) 400

(2) 402

(3) 404

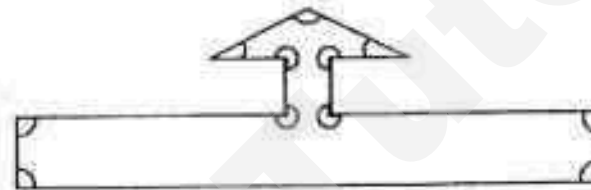
(4) 408

13. Which one of the following figures has the greatest number of obtuse angles in it?

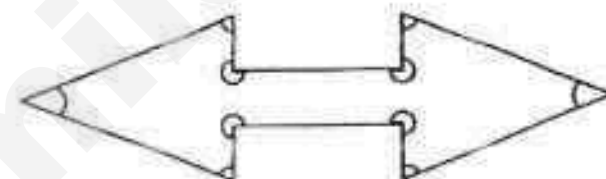
(1)



(2)



(3)



(4)



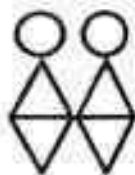
14. There are 450 students in Primary Three. There are 5 times as many boys as girls. How many boys are there?

- (1) 75
- (2) 90
- (3) 360
- (4) 375

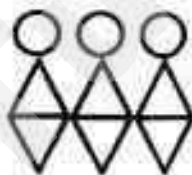
15. Study the pattern below carefully.



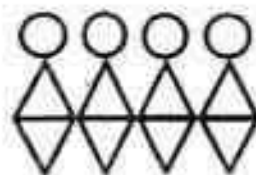
Pattern 1



Pattern 2



Pattern 3



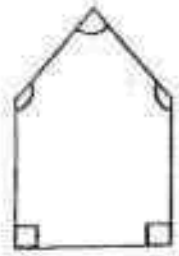
Pattern 4

How many triangles are there in Pattern 9?

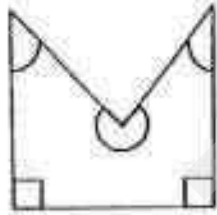
- (1) 18
- (2) 20
- (3) 27
- (4) 30

16. Which one of the following figures has 2 right angles and 2 acute angles in it?

(1)



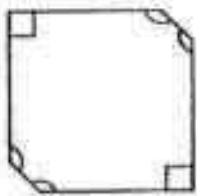
(2)



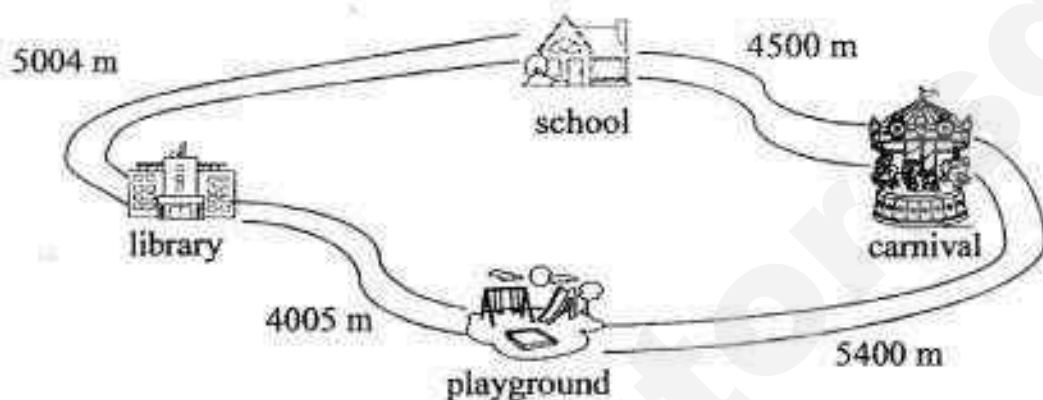
(3)



(4)



17. The diagram below shows the different routes Alice could travel. What was the shorter distance taken by Alice to travel from the school to the playground?



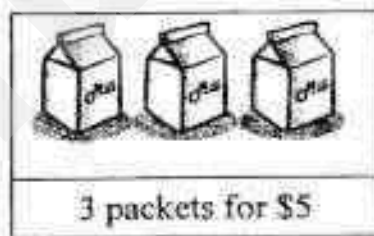
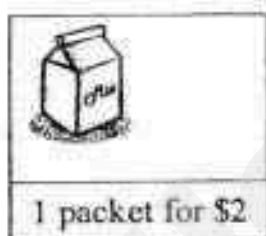
- (1) 9 km 900 m
 - (2) 9 km 90 m
 - (3) 9 km 9 m
 - (4) 9 km 0 m
18. Panny had \$20. She spent all her money on some cookies. The cookies were sold at \$4 for 280 g. How much cookies did Panny buy?

- (1) 1 kg 120 g
- (2) 1 kg 400 g
- (3) 5 kg
- (4) 7 kg

19. Bryan had 492 postcards at first. After giving Jean 165 postcards, he had 58 fewer postcards than Jean. How many postcards did Jean have at first?

- (1) 104
- (2) 220
- (3) 434
- (4) 550

20. Packets of milk were sold at a supermarket as shown below.



Mrs Lim bought 10 packets of milk. What was the least amount of money she spent to buy 10 packets of milk?

- (1) \$15
- (2) \$17
- (3) \$19
- (4) \$20

— End of Booklet A —



Temasek Primary School
Semestral Assessment 2
Primary Three
2016

MATHEMATICS
BOOKLET B

Name : _____ ()

Class : Primary 3 _____

Date : 27th October 2016

Parent's Signature: _____

Total Time for Booklets A & B: 1 h 45 min

Instructions to Candidates:

1. Write your name, class and register number in the spaces provided clearly.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Write your answers in this booklet.
6. You are **NOT** allowed to use a calculator.

Paper	Marks	Scores
Section A	40	
Section B	40	
Section C	20	
Total	100	

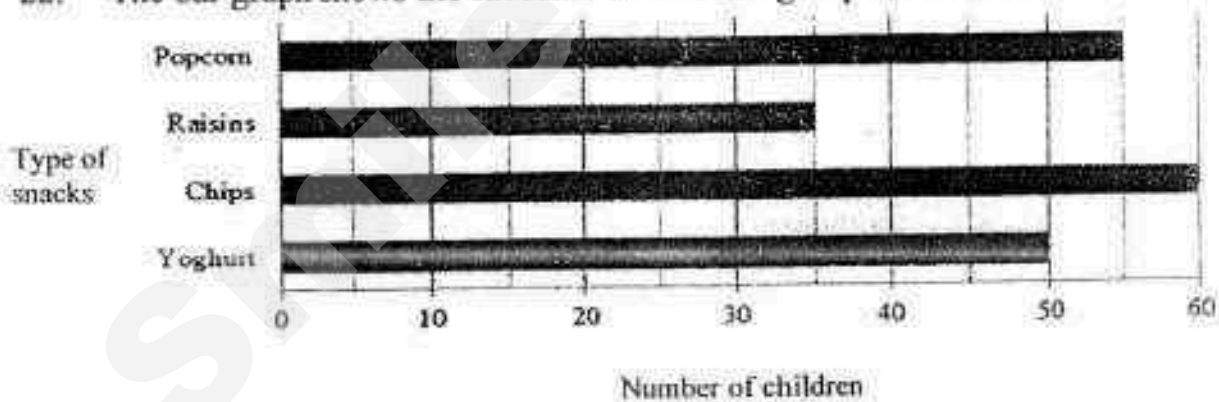
Section B

Questions 21 to 40 carry 2 marks each. Show your working clearly in the space provided for each question and write your answer in the spaces provided. For questions which require units, give your answers in the units stated. You are **not** allowed to use a calculator. (40 marks)

21. Find the product of 362 and 7.

Ans: _____

22. The bar graph shows the favourite snacks of a group of children.



Which is the least popular snack?

Ans: _____

23. Ramesh and his friends played soccer for 1 h 25 min. They started at 4.15p.m. At what time did they finish their soccer game?

Ans: _____ p.m.



24. Mark all the right angles in the figure below.



25. After 945 pupils left Flamingo Primary School, 7580 pupils remained in school. How many pupils were there in Flamingo Primary School at first?

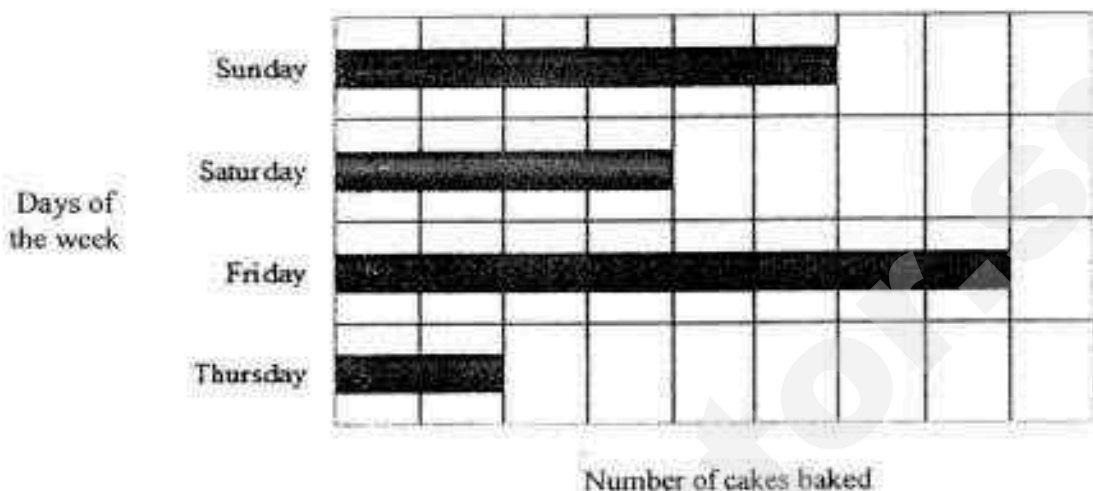
Ans: _____

26. A shop was having promotion for cupcakes. For every 4 cupcakes bought, 1 cupcake would be given free. Mrs Chow paid for 24 cupcakes. How many free cupcakes would she have in all?

Mouth-watering Cupcakes Promotion!	
	
Buy 4 cupcakes	Get 1 cupcake free!

Ans: _____

27. The graph below shows the number of cakes baked by a baker for four days.



The baker baked 144 cakes on Friday. How many cakes did he bake on Saturday?

Ans: _____

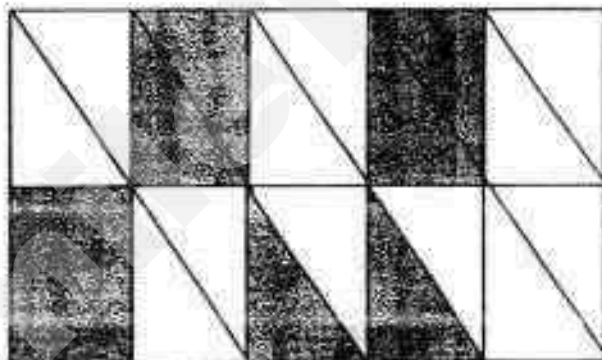
28. Kheng Meng fell ill and visited a doctor. The doctor gave him some tablets and instructed him to take them every 4 hours. Kheng Meng took his first tablet of the day at 6.45a.m. At what time should he take his third tablet?

Ans: _____ p.m.

29. Julia saved \$456 in April. She saved \$152 more in April than in May. After spending \$98 on a new handbag in May, how much money had Julia left in May?

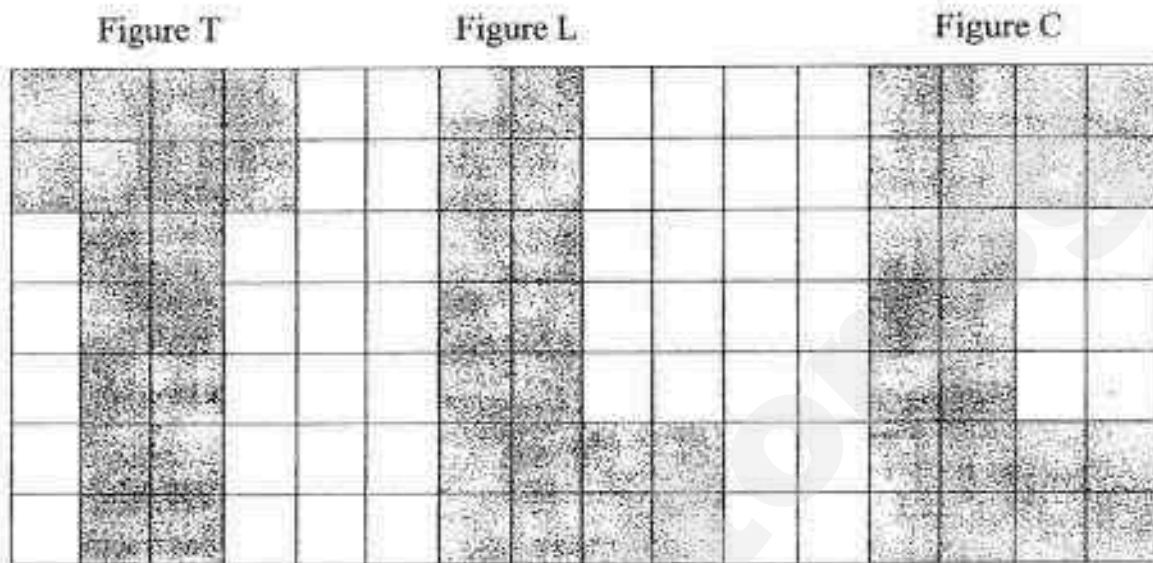
Ans: \$ _____

30. The figure below is made up of identical rectangles. What fraction of the figure is shaded? Give your answer in the simplest form.



Ans: _____

31. Study the figures given below.



Which of these 2 figures have the same area?

Ans: Figure _____ and Figure _____

32. I am a 3-digit number. The digit in my tens place is the greatest 1-digit number. The digits in my ones and hundreds places are the same. The sum of all my digits is 17. What 3-digit number am I?

Ans: _____

33. Jeremy spent a total of \$780 on a mobile phone and a notebook. The notebook cost 3 times as much as the mobile phone. How much did the mobile phone cost?

Ans: \$ _____

34. Loraine saved \$999. She saved \$658 less than Don. How much did the 2 children save in all?

Ans: \$ _____

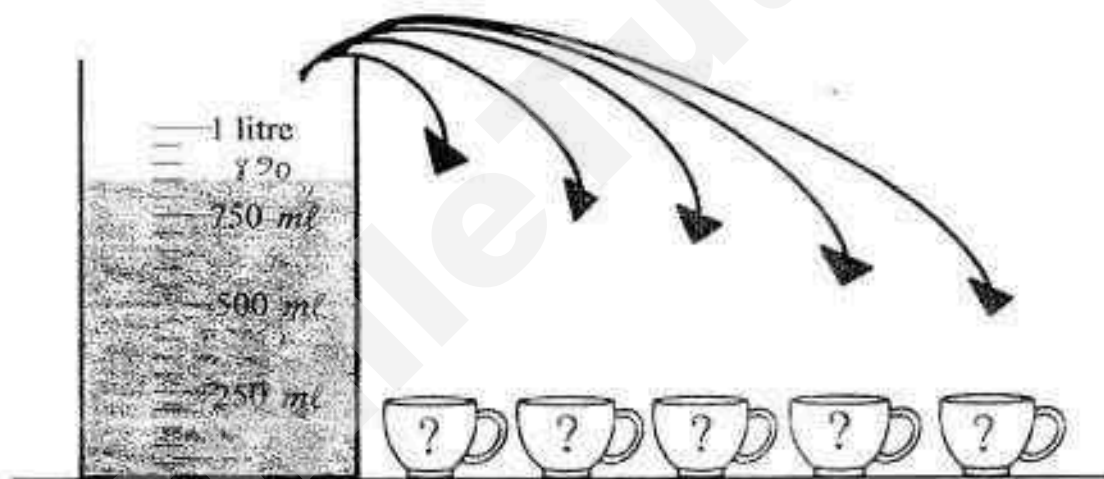
35. Rafiqah had a roll of ribbon 500 cm long. She used 386 cm of it to tie some boxes. Then, she cut the rest of the ribbon into 6 equal pieces. What was the length of each piece of the ribbon?

Ans: _____ cm

36. The total mass of Hafizah and Jackie is 142 kg. Hafizah is 26 kg heavier than Jackie. What is Jackie's mass?

Ans: _____ kg

37. Alison poured the water from the beaker equally into 5 similar cups as shown below. What is the volume of water in each cup?

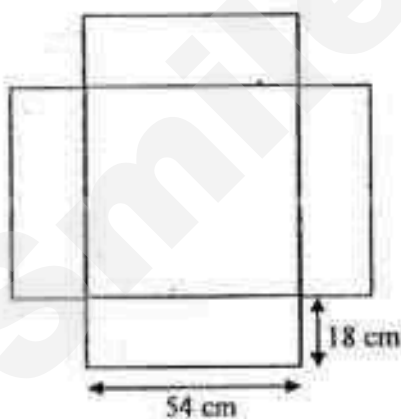


Ans: _____ ml

38. Geraldine, Aldrich and Xiling shared a cake. Geraldine $\frac{2}{9}$ ate of the cake. Aldrich ate a greater portion of the cake than Xiling. These 3 children finished the whole cake. What was the **greatest** fraction of the cake Xiling could have eaten? Give your answer in the simplest form.

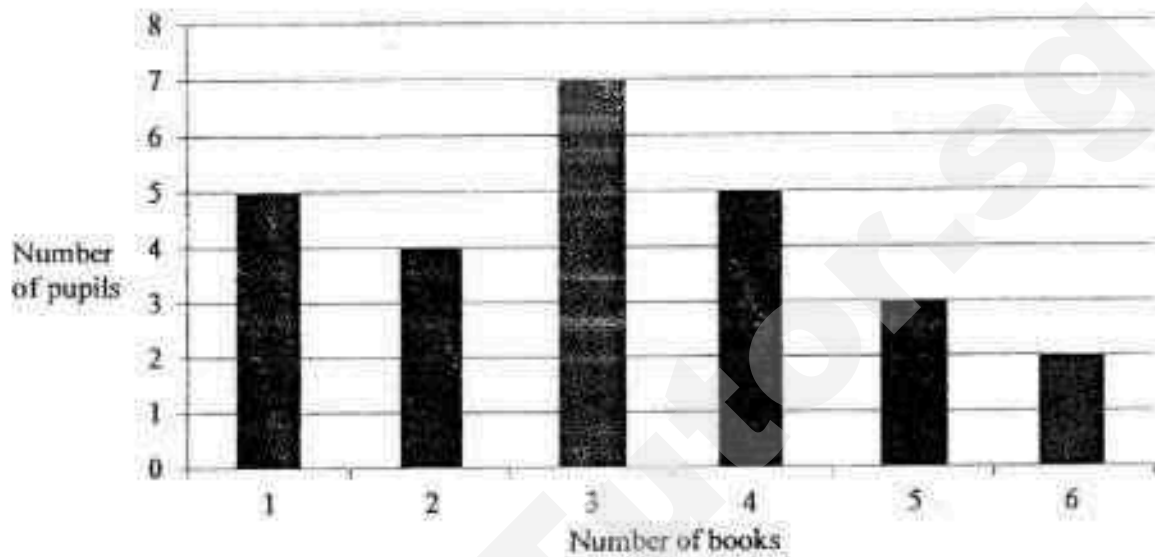
Ans: _____

39. The figure below is made up of 4 identical rectangles and a square. Find the perimeter of the figure.



Ans: _____ cm

40. The graph below shows the number of books borrowed from Bedok Regional Library by a class of pupils.



There were 37 pupils in the class. How many pupils did **not** borrow any books?

Ans: _____

Section C

For questions 41 to 46, show your working clearly in the space provided for each question and write your answers in the spaces provided. The number of marks available is shown in brackets [] at the end of each question or part-question. (20 marks)

41. Jeanie bought a dress and a pair of shoes. She paid the cashier \$100.
How much change did she receive?

GJL Departmental Store GST Reg No. ABCD Receipt	
Shoes	\$38.85
Dress	\$55.90

Ans: _____ [3 marks]

42. A total of 16 cars and motorcycles are at a carpark. There are 46 wheels altogether. How many cars are there at the carpark?

Ans: _____ [3 marks]

43. Wajid ate $\frac{1}{4}$ of a pizza. Gina ate $\frac{9}{12}$ of the same pizza.

(a) Who ate more of the pizza?

(b) How much more of the pizza was eaten?

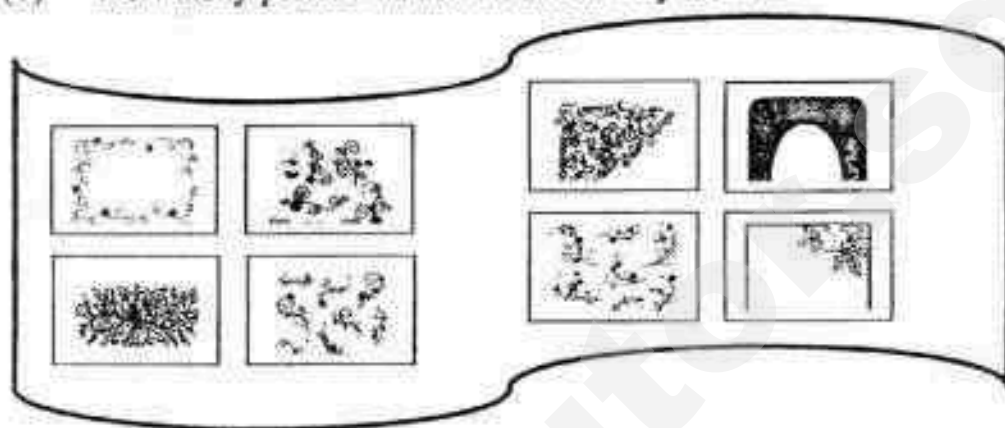
(Express your answer in its simplest form.)

Ans: (a) _____ [1 mark]

Ans: (b) _____ [2 marks]

44. Picture cards were sold in packets of 8. Aishah bought 648 picture cards in all. Rafeek bought 24 packets of picture cards more than Aishah.

- (a) How many packets of picture cards did Aishah buy?
(b) How many picture cards did Rafeek buy in all?



Ans: (a) _____ [1 mark]

Ans: (b) _____ [2 marks]

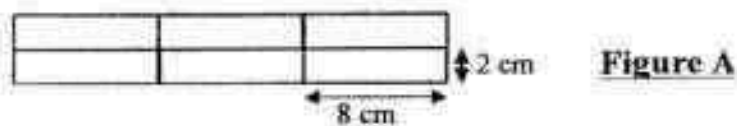
45. Shao Qing had \$790. She donated $\frac{3}{5}$ of her money to Elderly Care Centre and the remaining amount of money to Children Care Centre.
- (a) Which care centre received less money?
 - (b) How much money did Elderly Care Centre receive?
 - (c) How much money did Children Care Centre receive?

Ans: (a) _____ [1 mark]

Ans: (b) _____ [2 marks]

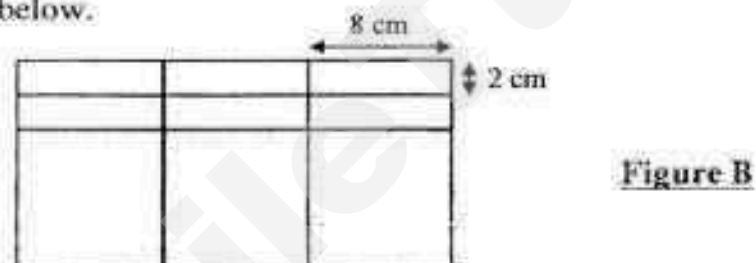
Ans: (c) _____ [1 mark]

46. Thomas formed Figure A below by using 6 identical rectangles.



- (a) Find the area of Figure A.

Thomas then added 3 identical squares to form Figure B as shown below.



- (b) Find the area of Figure B.

Ans: (a) _____ [2 marks]

Ans: (b) _____ [2 marks]

----- End of Booklet B -----

YEAR : 2016
 LEVEL : PRIMARY 3
 SCHOOL : TEMASEK PRIMARY
 SUBJECT : MATHEMATICS
 TERM : SA2

Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	3	2	1	1	2	2	2	2	1
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
1	3	4	4	1	2	3	2	2	2

Booklet B

Q21 2534

Q22 Raisins

Q23 5:40 pm

Q24



Q25 $7580 + 945 \Rightarrow 8525$ pupils

Q26 $24 \div 4 \Rightarrow 6$ free cupcakes

Q27 72 cakes

Q28



Kheng Meng should take his third tablet at 2:45 pm.

Q29 $\$456 - \$152 \rightarrow \$206$
 $\$304 - \$98 \Rightarrow \$206 \text{ left}$

Q30 $\frac{y+4}{2y+4} \Rightarrow \frac{2}{5}$

Q31 Figure T and Figure L

Q32 494

Q33 $\$780 \div 4 \Rightarrow \195

Q34 Don saved $\rightarrow \$999 + \$658 = \$1657$
 Saved in all $\rightarrow \$1657 + \$999 \Rightarrow \$2656$

Q35 $500 - 386 \rightarrow 114$
 $114 \div 6 \Rightarrow 19 \text{ cm}$

Q36 $142 - 26 \rightarrow 116$
 $116 \div 2 \Rightarrow 58 \text{ kg}$

Q37 $850 \div 5 \Rightarrow 170 \text{ mL}$

Q38 $\frac{3+3}{9+3} \Rightarrow \frac{1}{3}$

Q39 $54 + 18 + 18 \rightarrow 90$
 $90 \times 4 \Rightarrow 360 \text{ cm}$

Q40 $37 - 26 \Rightarrow 11 \text{ pupils}$

Q41 $\$38.85 + \$55.90 \rightarrow \$94.75$
 $\$100.00 - \$94.75 \Rightarrow \$5.25$

Q42 7 cars = 28 wheels } Total :
 9 motorcycles = 18 wheels } 46 wheels
 Ans \Rightarrow 7 cars

Q43 (a) Gina ate more

(b) Pizza eaten $\rightarrow \frac{9}{12} - \frac{3}{12} = \frac{6}{12} \Rightarrow \frac{1}{2}$

Q44 (a) $648 \div 8 \Rightarrow$ 81 packets

(b) $81 + 24 \rightarrow 105$
 $105 \times 8 \Rightarrow$ 840 cards

Q45 (a) Children Care Centre

(b) 1 unit $\rightarrow \$790 \div 5 = \158
 Elderly care centre received $\rightarrow \$158 \times 3 \Rightarrow$ \$474

(c) Children care centre received $\rightarrow \$158 \times 2 \Rightarrow$ \$316

Q46 (a) Length $\rightarrow 8 \times 3 = 24$ cm
 Breadth $\rightarrow 2 \times 2 = 4$ cm
 Area $\rightarrow 24 \times 4 \Rightarrow$ 96 cm²

(b) Area of 1 sq $\rightarrow 8 \times 8 = 64$ cm²
 Area of 3 sq $\rightarrow 64 \times 3 = 192$ cm²
 Area of Figure B $\rightarrow 192 + 96 \Rightarrow$ 288 cm²

End



MARIS STELLA HIGH SCHOOL (PRIMARY)

SEMESTRAL ASSESSMENT 2

PRIMARY 3 MATHEMATICS

25 OCTOBER 2016

BOOKLET A

17 questions

30 marks

Total time for Booklets A and B: 1 h 45 min

NAME : _____ ()

CLASS : PRIMARY 3 _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

Section A: 30 marks

Questions 1 to 4 carry 1 mark each.

Questions 5 to 17 carry 2 marks each.

For each question, four options are given. One of them is the correct answer.

Make your choice (1, 2, 3 or 4).

Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. In 7826, the digit _____ is in the thousands place.

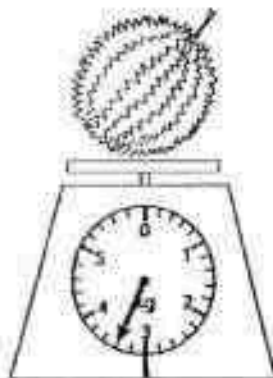
- (1) 6
- (2) 2
- (3) 7
- (4) 8

2. $8591 = \underline{\hspace{2cm}} + 500 + 91$

- (1) 8
- (2) 80
- (3) 800
- (4) 8000

3. The mass of the durian shown in the diagram below is _____ kg _____ g.

- (1) 3 kg 40 g
- (2) 3 kg 200 g
- (3) 3 kg 400 g
- (4) 4 kg 400 g



4. Express $\frac{8}{12}$ in the simplest form.

(1) $\frac{1}{6}$

(2) $\frac{2}{3}$

(3) $\frac{3}{4}$

(4) $\frac{4}{6}$

5. 2490 is 50 less than _____.

(1) 2440

(2) 2495

(3) 2540

(4) 2990

6. Complete the number pattern below.

1959 , 1969 , 1989 , _____ , 2059 , 2109

(1) 1990

(2) 1999

(3) 2009

(4) 2019

7. Find the quotient of 763 and 7.

(1) 19

(2) 109

(3) 190

(4) 5341

8. Mingfa left his home for the library at the time shown.

The journey took 45 minutes. What time did he reach the library?



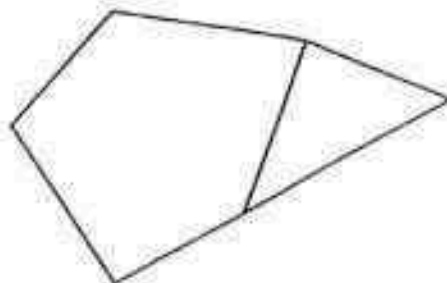
- (1) 8.35 a.m.
 - (2) 9.50 a.m.
 - (3) 10.52 a.m.
 - (4) 11.20 a.m.
9. Find the missing numerator for the fraction.

$$\frac{3}{4} = \frac{\square}{32}$$

- (1) 18
 - (2) 21
 - (3) 24
 - (4) 31
10. Find the sum of $\frac{1}{5}$ and $\frac{7}{10}$.

- (1) $\frac{8}{10}$
- (2) $\frac{9}{10}$
- (3) $\frac{8}{15}$
- (4) $\frac{9}{20}$

11. Study the figure carefully.



There are _____ angles inside the figure that is smaller than the right angle.

- (1) 5
- (2) 2
- (3) 3
- (4) 8

12. Study the figures below carefully.

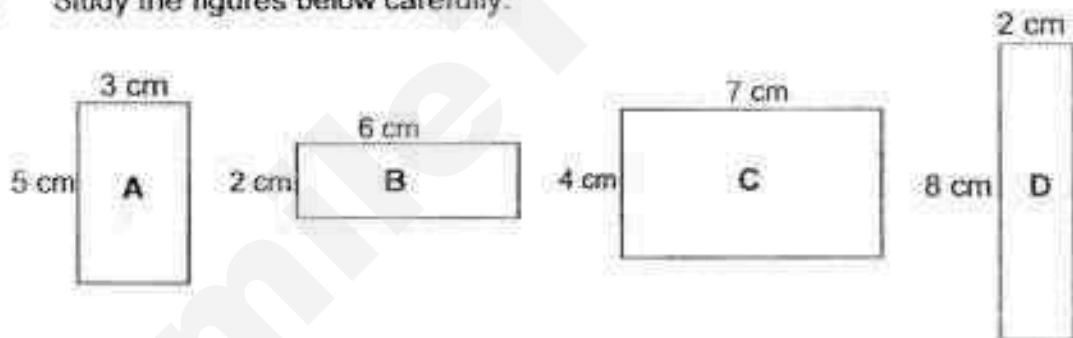
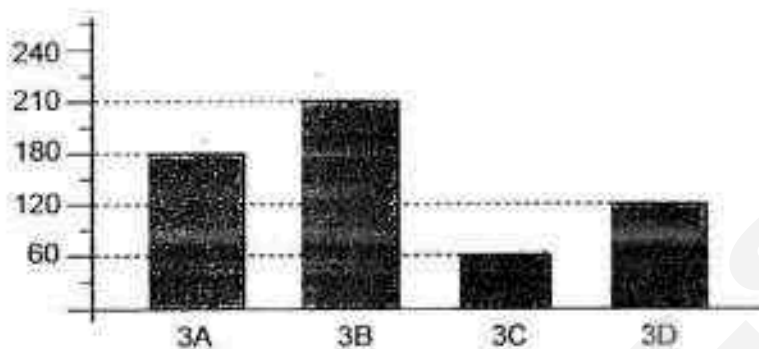


Figure _____ has the greatest perimeter.

- (1) A
- (2) B
- (3) C
- (4) D

The bar graph below shows the number of books Primary 3A to 3D students read over a week. Use the bar graph to answer Questions 13 and 14.



13. Classes _____ and _____ read 240 books in total.
- 3A and 3C
 - 3A and 3D
 - 3B and 3C
 - 3C and 3D
14. For every 3 books read by the students, they can exchange for 1 gift. How many more gifts did 3B exchange than 3C?
- 50
 - 90
 - 150
 - 450
15. Jane baked 49 cupcakes. Anna baked 3 times as many cupcakes as Jane. Lucy baked 19 more cupcakes than Anna. How many cupcakes did Lucy bake?
- 106
 - 128
 - 147
 - 166

16. Mr Yeo has two \$10 notes and three \$5 notes in his wallet.
He wants to buy all the items below.
He needs \$_____ more.



\$3.80



\$25.00



\$15.20

- (1) \$9
- (2) \$29
- (3) \$35
- (4) \$44

17. The fraction which lies in between $\frac{2}{5}$ and $\frac{2}{3}$ is _____.

- (1) $\frac{2}{4}$
- (2) $\frac{4}{15}$
- (3) $\frac{8}{15}$
- (4) $\frac{16}{15}$

End of Booklet A
Go on to Booklet B



MARIS STELLA HIGH SCHOOL (PRIMARY)
SEMESTRAL ASSESSMENT 2
PRIMARY 3 MATHEMATICS
25 OCTOBER 2016
BOOKLET B

23 questions

50 marks

Total time for Booklets A and B: 1 h 45 min

NAME : _____ ()

CLASS : PRIMARY 3 _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

MARKS OBTAINED :

BOOKLET A: _____ / 30

BOOKLET B: _____ / 50

TOTAL : _____ / 80

Parent's Signature: _____

Section B: 32 marks

Questions 18 to 21 carry 1 mark each.

Questions 22 to 35 carry 2 marks each.

Show your working clearly in the spaces below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

18. Find the sum of 40 hundreds, 56 tens and 9 ones.

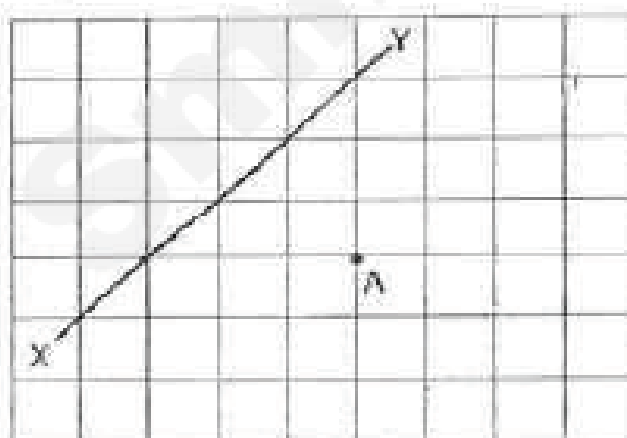
Answer: _____

19. Use the digits below to form the greatest 4-digit odd number.

5 , 2 , 7 , 8

Answer: _____

20. Draw a line parallel to the Line XY passing through the point A



21. The number in the boxes are the same. What is the missing number?

$$\begin{array}{r} 2 \quad 3 \quad 0 \\ - \square \quad 7 \quad 9 \\ \hline \quad 5 \quad \square \\ \hline \end{array}$$

Answer: _____

22. Arrange the fractions below from the smallest to the greatest.

$$\frac{2}{3}$$

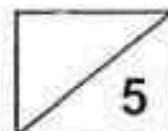
$$\frac{3}{4}$$

$$\frac{1}{6}$$

Answer: _____ , _____ , _____
(smallest) (greatest)

23. Gale took 30 min to do her Mathematics homework.
She took 45 min to do her English homework.
How long did she take to finish her homework?

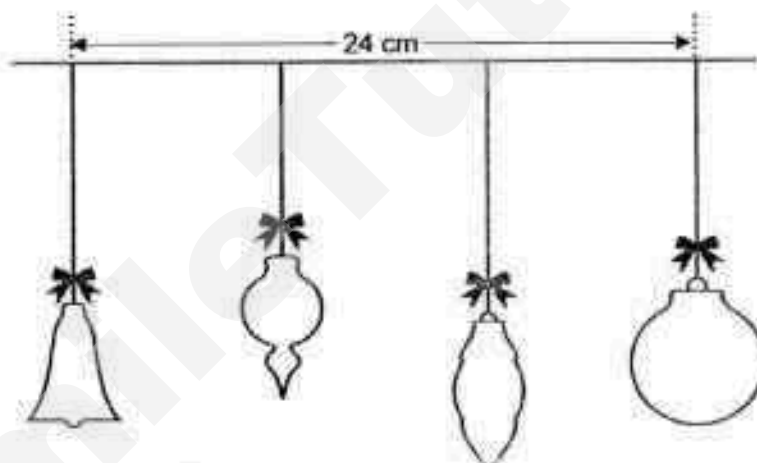
Answer: _____ h _____ min



26. Mary used 116 cm of cloth to sew a dress.
She used 3 times the cloth to sew some curtains.
What is the total length of cloth she used in all?
Express your answer in metres and centimetres.

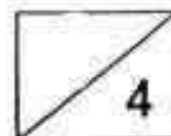
Answer: _____ m _____ cm

27. For a party, Mrs. Neo hangs part of her decorations as shown below.
All the decorations are hung equal distance apart.



Find the distance between the 1st and 10th decoration.

Answer: _____ cm



28. The sum of two numbers is 8844. If the greater number is 200 more than the smaller number. Find the greater number.

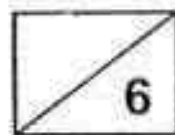
Answer: _____

29. Terry took 55 min to travel from home to the zoo.
He spent 2 h 10 min at the zoo. He left the zoo at 1.30 p.m.
What time did he leave his house for the zoo?

Answer: _____ a.m.

30. I am a number between 4000 and 5000.
- The digit in the hundreds place is 2.
 - The digit in the ones place is 3 times the digit in the hundreds place.
 - The digit in the thousands place and tens place adds up to 11.
- What number am I?

Answer: _____



31. A jug was filled with lemonade as shown below.



Tommy poured all the lemonade from the jug equally into 5 identical glasses.
What is the volume of lemonade in each glass?

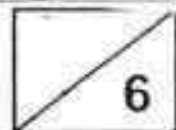
Answer: _____ ml

32. When a 2-digit number is divided by 7, it gives a remainder of 3.
When the same number is divided by 9, there is no remainder.
What is this number?

Answer: _____

33. Helen has 6 times as much money as Jim.
After Helen spent \$240, she had twice as much money as Jim.
How much money does Jim have?

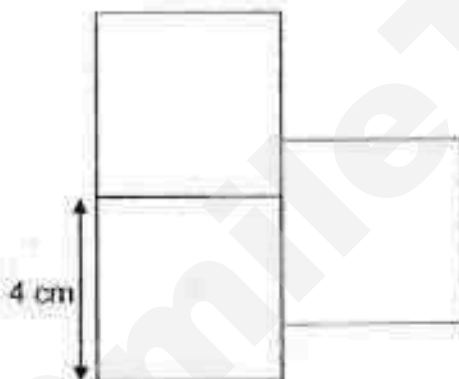
Answer: \$ _____



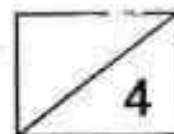
34. Kester and Jake had an equal number of stickers at first.
Kester gave 30 stickers to Jake. Jake has 265 stickers now.
How many stickers has Kester now?

Answer: _____

35. The figure below is made up of 3 identical squares.
The length of one side of a square is 4 cm.
What is the perimeter of the whole figure?



Answer: _____ cm



Section C: 18 marks

Questions 36 and 37 are 3 marks each.

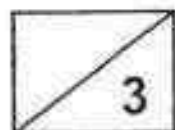
Questions 38 to 40 are 4 marks each.

Show your working clearly in the spaces below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

36. Linda collected 2651 cans for recycling.
Henry collected 148 more cans than Linda.
He collected 28 more cans than Sandy.
How many cans did Sandy collect?

Working Column

Answer: _____ [3m]

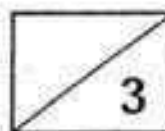


37. 2 schoolbags and 2 notebooks cost \$50.
1 schoolbag and 2 notebooks cost \$28.
Find the cost of 1 notebook cost.

Working Column

Answer:

[3m]



38. Gary bent a piece of wire 32 cm long into a rectangle with breadth 3 cm.

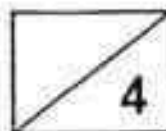


- (a) Find the length of the rectangle.
(b) Find the area of the rectangle.

Working Column

Answer (a) _____ [2m]

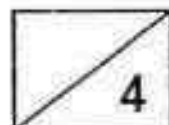
(b) _____ [2m]



39. Ahmad, Sam and Jim shared 334 playing cards.
Sam received 6 more playing cards than Ahmad.
Jim received twice as many playing cards as Ahmad.
How many playing cards did Jim receive?

Working Column

Answer: _____ [4m]

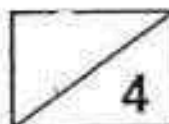


40. A car has 4 wheels and a motorcycle has 2 wheels.
There are 10 more cars than motorcycle in a carpark.
The cars and motorcycle have a total of 64 wheels.
How many cars are there in the carpark?

Working Column

Answer: _____ [4m]

End of Booklet B
Please check your work carefully.



YEAR : 2016
 LEVEL : PRIMARY 3
 SCHOOL : MARIS STELLA HIGH
 SUBJECT : MATHEMATICS
 TERM : SA2

Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9
3	4	3	2	3	4	2	4	3
Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	
2	3	3	1	1	4	1	3	

Booklet B

Q18 4569

Q19 8725

Q20



Q21 1

Q22 $\frac{1}{6}, \frac{2}{3}, \frac{3}{4}$

Q23 1 h 15 min

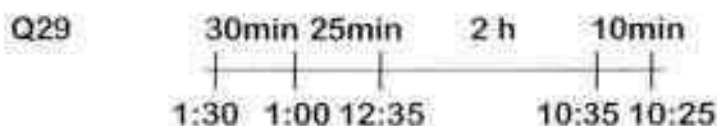
Q24 (a) $AB \parallel EF$
(b) $CD \perp GH$

Q25 \$6.40

Q26 $116 \text{ cm} \times 4 \rightarrow 464 \text{ cm}$
 $464 \text{ cm} \approx 4 \text{ m } 64 \text{ cm}$

Q27 72 cm

Q28 4522



Ans \Rightarrow 10:25 am

Q30 4276

Q31 $900 \div 5 \Rightarrow$ 180 ml

Q32 45

Q33 \$60

Q34 $265 - 30 \rightarrow 235$
 $235 - 30 \Rightarrow$ 205 stickers

Q35 $8 \times 4 \Rightarrow$ 32 cm

Q36 $2651 + 148 \rightarrow 2799$
 $2799 - 28 \Rightarrow$ 2771 cans

Q37 $2s + 2n = \$50$
 $1s + 2n = \$28$
 $1s = (2s + 2n) - (1s + 2n)$
 $= \$50 - \$28 \rightarrow \$22$
 $(1s + 2n) - (1s) = 2n$
 $2n \rightarrow 28 - 22 = 6$
 $1n \rightarrow 6 \div 2 \Rightarrow$ \$3 per notebook

Q38 (a) $3 \times 2 = 6$
 $32 - 6 = 26$
 $26 \div 2 \Rightarrow$ 13 cm

(b) $13 \times 3 \Rightarrow$ 39 cm²

Q39 $4\Box + 6 \rightarrow 334$
 $4\Box \rightarrow 334 - 6 = 328$
 $1\Box \rightarrow 328 \div 4 = 82$
Jim $\rightarrow 2\Box = 82 \times 2 \Rightarrow$ 164 playing cards

Q40 14 cars

End



RED SWASTIKA SCHOOL

2016 SEMESTRAL ASSESSMENT 2

MATHEMATICS

Name : _____ ()

Class : Primary 3 / _____

Date : 26 October 2016

BOOKLET A

20 Questions

40 Marks

Duration of Paper : 1 hour 45 minutes

Note:

1. Do not open this Booklet until you are told to do so.
2. Read carefully the instructions given at the beginning of each part of the Booklet.
3. Do not waste time. If a question is difficult for you, go on to the next one.
4. Check your answers thoroughly and make sure you attempt every question.
5. In this booklet, you should have the following:
 - (a) Page 1 to Page 6
 - (b) Questions 1 to 20

Section A : Multiple-Choice Questions

Questions 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. (40 marks)

1 In 4 910, the digit 9 is in the _____ place.

- (1) ones
- (2) tens
- (3) hundreds
- (4) thousands

2 5 groups of 7 is the same as _____.

- (1) $7 \times 7 \times 7 \times 7 \times 7$
- (2) $7 + 7 + 7 + 7 + 7$
- (3) $5 \times 5 \times 5 \times 5 \times 5$
- (4) $5 + 5 + 5 + 5 + 5$

3 5 049 has the same value as _____.

- (1) $500 + 40 + 9$
- (2) $500 + 400 + 9$
- (3) $5\ 000 + 40 + 9$
- (4) $5\ 000 + 400 + 9$

4 Study the number pattern below. What is the missing number in the pattern?

1 015, 1 025, 1 045, 1 075, _____, 1 165

- (1) 1 085
- (2) 1 095
- (3) 1 105
- (4) 1 115

5 Divide 609 by 6 and the quotient is _____.

- (1) 11
- (2) 101
- (3) 3
- (4) 3 654

6 How many metres are there in 8 km 5 m?

- (1) 85 m
- (2) 805 m
- (3) 8 005 m
- (4) 8 050 m

7 The time shown on the clock is _____.



- (1) 10 minutes to 3
- (2) 50 minutes to 2
- (3) 10 minutes past 3
- (4) 50 minutes past 3

8 Jonathan has the total amount of money shown below. How much does he have?

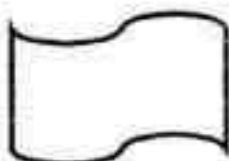


- (1) \$27.20
- (2) \$29.20
- (3) \$32.20
- (4) \$42.20

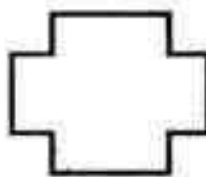
- 9 Which two figures below have perpendicular lines?



A



B



C



D

- (1) A and D
- (2) B and C
- (3) A and C
- (4) B and D

- 10 Which of the following is not equivalent to $\frac{6}{8}$?

- (1) $\frac{3}{4}$
- (2) $\frac{12}{16}$
- (3) $\frac{16}{18}$
- (4) $\frac{18}{24}$

- 11 Ryan has 3 869 stickers. Renee has 2 242 stickers. How many stickers do they have altogether?

- (1) 1 627
- (2) 1 647
- (3) 6 111
- (4) 6 131

- 12 Mr Lee had 85 mangoes. He packed the mangoes equally into 8 boxes and had 5 mangoes left. How many mangoes did he put in one box?

- (1) 5
- (2) 8
- (3) 10
- (4) 11

13

$$\star + \text{😊} = 54$$

$$\star + \star + \text{😊} = 76$$

What is the value of 😊 ?

- (1) 11
- (2) 22
- (3) 27
- (4) 32

14

The mass of 4 similar durians is 3 400 g. What is the mass of two such durians?

- (1) 850 g
- (2) 850 kg
- (3) 1 kg 70 g
- (4) 1 kg 700 g

15

Justin, Max and Nathan share 325 marbles. Max has 25 marbles more than Justin but 20 marbles less than Nathan. How many marbles does Max have?

- (1) 85
- (2) 110
- (3) 130
- (4) 280

16

Siti's mass is 27 kg. Her father is 3 times as heavy as Siti. How much heavier is Siti's father than she?

- (1) 9
- (2) 30
- (3) 54
- (4) 81

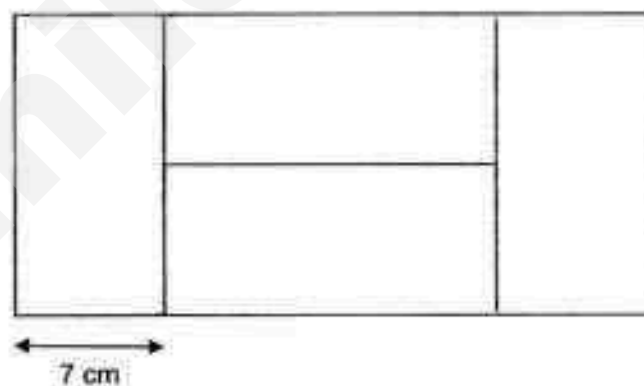
- 17 Clare had twice as many stamps as Daphe. After Clare gave Daphe 7 stamps, both of them had the same number of stamps. How many stamps did Clare have at first?

(1) 14
(2) 21
(3) 28
(4) 35

- 18 Lina had 11 coins which consisted of twenty-cent and ten-cent coins. She had a total of \$1.80. How many twenty-cent coins did she have?

(1) 6
(2) 7
(3) 8
(4) 9

- 19 The figure below is made up of 4 similar rectangles. Find the perimeter of the figure.



(1) 42 cm
(2) 84 cm
(3) 112 cm
(4) 126 cm

20 Which two fractions add up to a whole and give a difference of $\frac{1}{3}$?

(1) $\frac{3}{8}$ and $\frac{7}{8}$

(2) $\frac{1}{4}$ and $\frac{3}{4}$

(3) $\frac{2}{6}$ and $\frac{4}{6}$

(4) $\frac{1}{2}$ and $\frac{1}{6}$



RED SWASTIKA SCHOOL

2016 SEMESTRAL ASSESSMENT 2

MATHEMATICS

Name : _____ ()

Class : Primary 3 / _____

Date : 26 October 2016

BOOKLET B

25 Questions

60 Marks

In this booklet, you should have the following:

(a) Page 7 to Page 15

(b) Questions 21 to 45

MARKS

	OBTAINED	POSSIBLE
BOOKLET A		40
BOOKLET B		60
TOTAL		100

Parent's Signature : _____

Section B : Short-Answer Questions

Questions 21 to 40 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(40 marks)

- 21 How many hundreds are there in 3 700?

Ans: _____

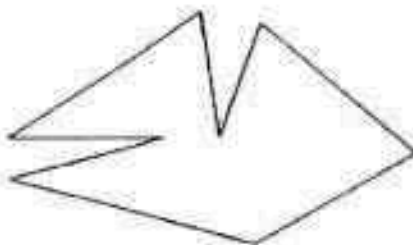
- 22 What is the sum of 5 thousands, 34 hundreds and 68 tens?

Ans: _____

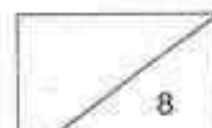
- 23 What is the product of 489 and 9?

Ans: _____

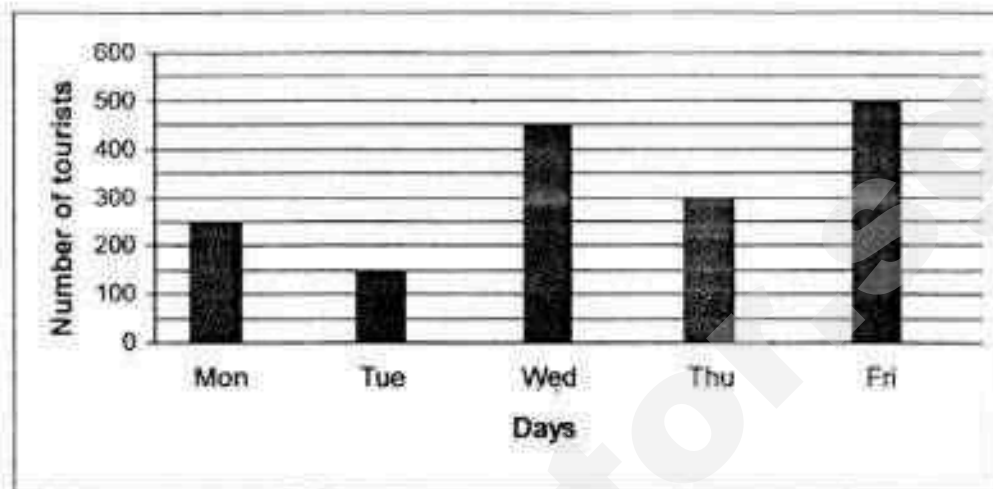
- 24 How many angles inside the figure are smaller than a right angle?



Ans: _____



The bar graph shows the number of tourists who visited the bird park from Monday to Friday. Study the graph and answer Questions 25 to 27.



- 25 What was the total number of tourists who visited the bird park from Wednesday to Friday?

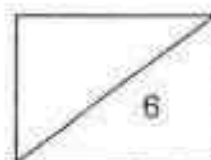
Ans: _____

- 26 On which day were there twice as many as tourists as on Monday?

Ans: _____

- 27 The total number of tourists who visited the bird park on two days was the same as Wednesday. Which were the two days?

Ans: _____ and _____



- 28 I am a 3-digit number. The digit in the tens place is the largest odd number. The digit in the hundreds place has a value of 400. The digit in the ones place is twice the digit in the hundreds place. What number am I?

Ans: _____

- 29 Peter is 18 cm taller than Jordan. The sum of Peter's height and Jordan's height is 292 cm. What is Jordan's height?
(Give your answer in m and cm.)

Ans: _____ m _____ cm

- 30 The capacity of a jug and a mug are as shown below:



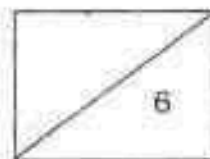
jug



mug

Mrs Chan will need 6 jugs and _____ mugs of water to fill a tank of capacity 3 450 ml.

Ans: _____



- 31 Shanel came home from a party and noticed that the clock on the wall was 20 minutes faster. What should the correct time be?



Ans: _____ p.m.

- 32 Hassan spent \$45.45 on two items. Which of the two items did he buy?



Hat
\$9.80



Shoes
\$11.65



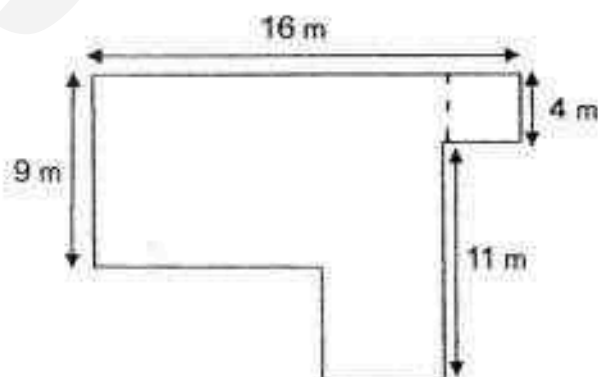
Pants
\$35.65



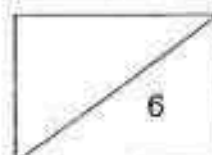
Watch
\$22.75

Ans: _____ and _____

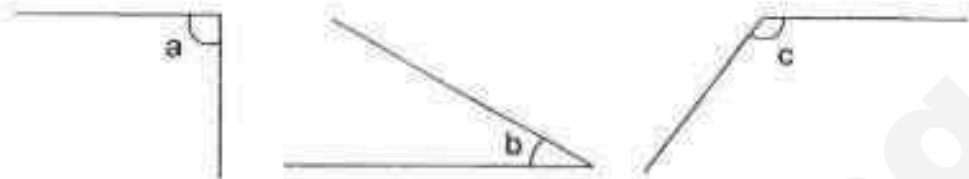
- 33 The figure below shows the outline of a nearby park near Mr Kwa's house. He ran round the park twice. What was the distance that Mr Kwa ran?



Ans: _____ m



- 34 Look at the angles below. Arrange them in order beginning with the greatest.



Ans: \angle _____, \angle _____, \angle _____
(greatest) (smallest)

- 35 What is the missing number in the box?

$$\frac{2}{10} + \frac{\boxed{?}}{5} = 1$$

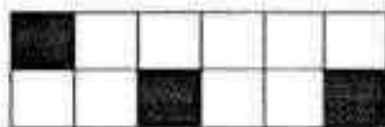
Ans: _____

- 36 Arrange the fractions in order beginning with the greatest.

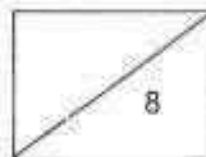
$$\frac{1}{2}, \frac{5}{6}, \frac{7}{12}$$

Ans: _____, _____, _____
(greatest) (smallest)

- 37 The figure below is made up of identical squares. Nathalie has to shade $\frac{2}{3}$ of the figure. How many more squares must she shade?



Ans: _____



- 38 Mrs Lee bought a box of 226 erasers. She gave each of her students 6 erasers and realised that she had 4 erasers left. How many students did Mrs Lee have?

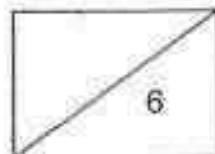
Ans: _____

- 39 In a stadium, there were 651 girls and 97 boys. How many boys must join them so that the number of boys would be twice the number of girls?

Ans: _____

- 40 Caroline had thrice as many sweets as Betty. Betty had twice as many sweets as Alice. If the three children had 171 sweets altogether, how many sweets did Caroline have?

Ans: _____



Section C : Long-Answer / Structured Questions

For questions 41 to 45, show your working clearly in the space below each question and write your answers in the spaces provided.

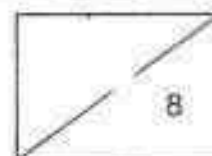
(20 marks)

- 41 A baker had some eggs to bake cakes. He broke 48 of the eggs and bought another 89 more. In the end, he had 365 eggs. How many eggs did he have at first?

Ans: _____ [4]

- 42 Bobby started a game of soccer with his friends at 5.30 p.m. After the game, he rested for 20 minutes before heading home at 7.25 p.m. How long was his soccer game? (Give your answer in h and min)

Ans: _____ [4]

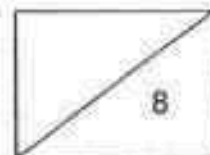


- 43 Durians were sold at \$60 for 3 kg. A durian seller sold 27 kg of durians. How much money did the durian seller collect after selling 27 kg of durians?

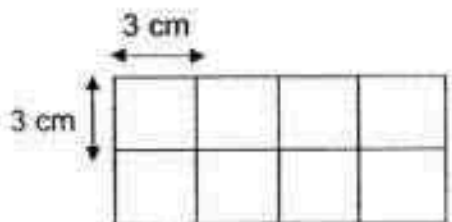
Ans: _____ [4]

- 44 A total of 348 red beads and 280 blue beads were used to make 7 bracelets. There was an equal number of beads on each bracelet. How many beads were left over?

Ans: _____ [4]

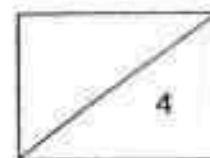


- 45 Alan used 8 square cards to form a rectangle. Each side of the square card is 3 cm. What is the area of the rectangle formed?



Ans: _____ [4]

End of Paper
Have you checked your paper? ☺



EXAM PAPER 2016

LEVEL : PRIMARY 3

SCHOOL : RED SWASTIKA SCHOOL

SUBJECT : MATHS

TERM : SA2

Q 1	Q 2	Q 3	Q 4	Q 5	Q 6	Q 7	Q 8	Q 9	Q 10
3	2	3	4	2	3	1	2	3	3
Q 11	Q 12	Q 13	Q 14	Q 15	Q 16	Q 17	Q 18	Q 19	Q 20
3	3	4	4	2	3	3	2	2	3

Q21. 37 Q22. 9080 Q23. 4401 Q24. 5 Q25. 1250 Q26. Friday

Q27. Thursday and Tuesday Q28. 498 Q29. 1m 37cm Q30. 9 Q31. 7.40pm

Q32. Hat and pants Q33. 124m Q34. C, A, B Q35. 4 Q36. $\frac{5}{6}, \frac{7}{12}, \frac{1}{7}$ Q37. 5

Q38. 37 Q39. 1205 Q40. 114

Q41. $365 - 89 = 276$

$276 + 48 = 324$ Answer: 324

Q42. $1\text{h} + 30\text{min} + 5\text{min} = 1\text{h } 35\text{min}$ Answer: 1h 35min

Q43. $1\text{kg} = 60 - 3 = 20$

$27 \times 20 = 540$ Answer: \$540

Q44. $348 + 280 = 628$

$628 \div 7 = 89 \text{ R}5$ Answer: 5

Q45. $3\text{cm} \times 4 = 12\text{cm}$

$3\text{cm} \times 2 = 6\text{cm}$

$12\text{cm} \times 6\text{cm} = 72\text{cm}^2$ Answer: 72cm^2

Name: _____ ()

Class : Primary 3 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 3 Mathematics

2016 Semestral Assessment Two

Booklet A

25 October 2016

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

This booklet consists of 9 printed pages including the cover page.

Section A: (20 x 2 marks)

For each question, four options are given. One of the options is the correct answer. Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. Please use only 2B pencil and SHADE the oval completely.

1. Which of the following numbers has the digit 3 in the tens place?

1) 3901

2) 4320

3) 5073

4) 6830

2. What is 210 more than 7992?

1) 8202

2) 8102

3) 7782

4) 7202

3. $\$400 - \$68.70 =$ _____

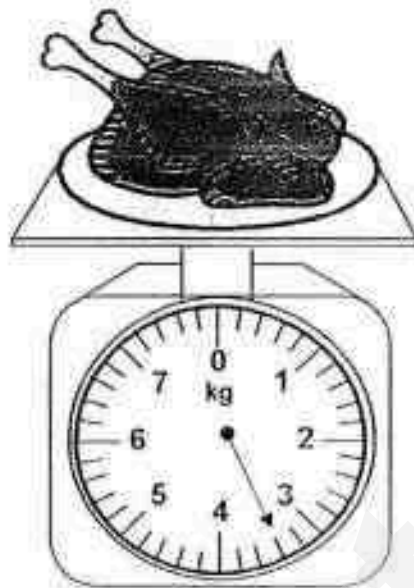
1) \$331.20

2) \$331.30

3) \$332.30

4) \$341.20

4. What is the mass of the turkey?



- 1) 3 kg 20 g
 - 2) 3 kg 40 g
 - 3) 3 kg 200 g
 - 4) 3 kg 400 g
5. What is the missing numerator in the fraction below?

$$\frac{5}{25} = \frac{\boxed{?}}{5}$$

- 1) 1
- 2) 2
- 3) 3
- 4) 4

6. The common factor of two numbers is 8. What are the numbers?

- (1) 4 and 8
- (2) 20 and 32
- (3) 34 and 40
- (4) 48 and 64

7. Siti had 320 stickers. When she arranged them equally onto 7 pages of an album, she did not have enough space for some stickers. How many stickers were not in the album?

- (1) 6
- (2) 5
- (3) 3
- (4) 4

8. A number when rounded off to the nearest hundred is 1800. What is the largest possible number?

- (1) 1769
- (2) 1799
- (3) 1849
- (4) 1869

9. The table below shows incomplete information of pupils from 3 classes who are in the chess club.

Class	Number of pupils
Primary 4A	
Primary 4B	18
Primary 4C	8
Total	40

How many more pupils in Primary 4A than Primary 4C are in the chess club?

- (1) 24
- (2) 14
- (3) 10
- (4) 6

10. Jonson wanted to buy a book that cost \$94.75. He had 6 ten-dollar notes and 7 twenty-cent coins. How much was he short of?

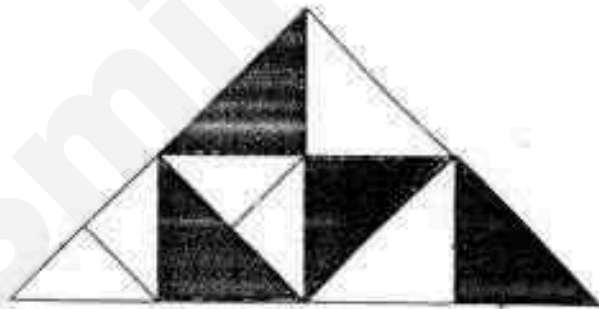
1) \$20.75

2) \$27.55

3) \$33.35

4) \$34.35

11. Look at the figure below. Dilys wants to shade $\frac{3}{4}$ of the figure. How many more parts must she shade?



1) 12

2) 8

3) 6

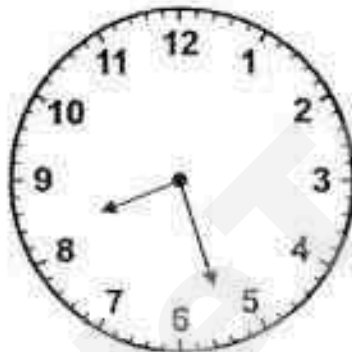
4) 4

12. Which one of the following clock faces shows 27 minutes to 8?

1)



2)



3)



4)

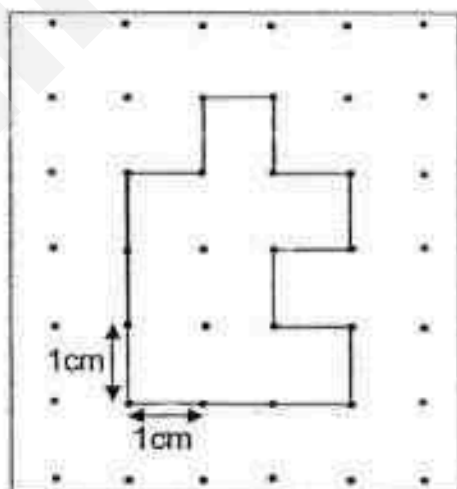


13. The opening hours of Joyful Animal Clinic are shown below.

<u>Joyful Animal Clinic</u>	
Opens Monday to Saturday	
8.00 a.m.	— 12.00 p.m.
2.15 p.m.	— 5.00 p.m.
7.30 p.m.	— 9.00 p.m.

For how long is the clinic open in the afternoon?

- 1) 2 h 45 minutes
 - 2) 3 h 45 minutes
 - 3) 4 h 15 minutes
 - 4) 8 h 15 minutes
14. Find the perimeter of the figure below.



- 1) 9 cm
- 2) 16 cm
- 3) 26 cm
- 4) 36 cm

15. Lennon had $\frac{7}{8}$ of a cake. He ate $\frac{1}{4}$ of the cake. Which one of the following unshaded parts shows the fraction of the cake that Lennon had left?

1)



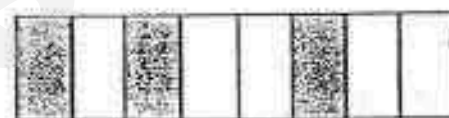
2)



3)



4)



Write down your answers in the spaces provided. For questions which require units, give your answers in the units stated. Show all workings clearly.

Do not
write in
this space

16. Arrange the following numbers in order. Begin with the smallest.

1860

1086

1680

1806

Ans: _____
(smallest)

17. What is the missing number in the pattern below?

5260, 5150, 5040, ?, 4820

Ans: _____

18. 7 m 6 cm = _____ cm

Ans: _____ cm

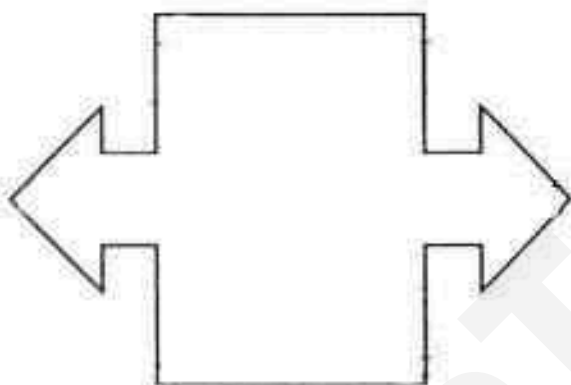


19. Find the sum of $\frac{1}{3}$ and $\frac{1}{9}$. Leave your answer in the simplest form.

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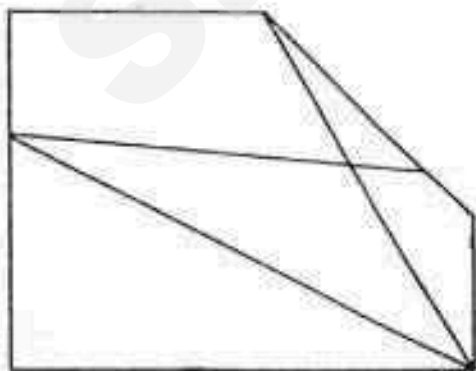
Ans : _____

20. The figure below is not drawn to scale.
How many right angles are there inside the figure?



Ans : _____

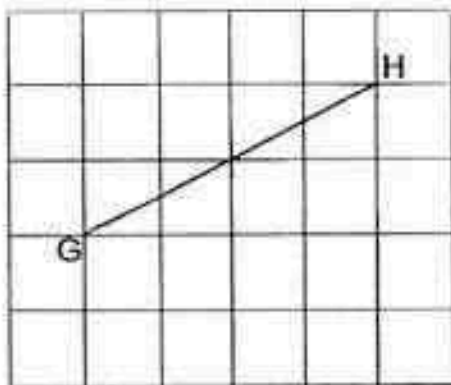
21. How many pairs of parallel lines are there in the figure below?



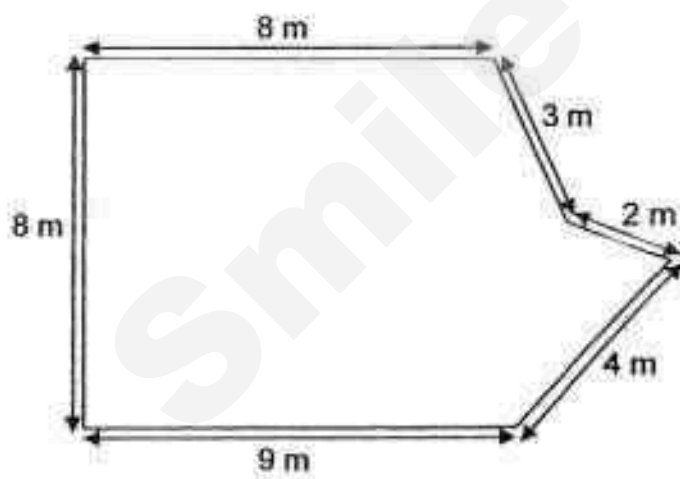
Ans : _____



22. GH is a straight line. Use a set-square to draw a line perpendicular to line GH in the square grid below.



23. The figure below is not drawn to scale. Find the perimeter of the figure.



Ans : _____ m

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write in
this space

24. Henrik has 8 empty plates and some cookies. He puts 7 cookies on each plate. He has 4 cookies left. How many cookies does Henrik have altogether?

LAU HUI
write in
this space

Ans : _____

25. Which one of the fractions is greater than $\frac{4}{5}$?

Ans : _____

26. Monique was supposed to meet her daughter at 6.35 p.m. at the shopping mall, but she reached the mall 50 minutes earlier. At what time did she arrive at the shopping mall?

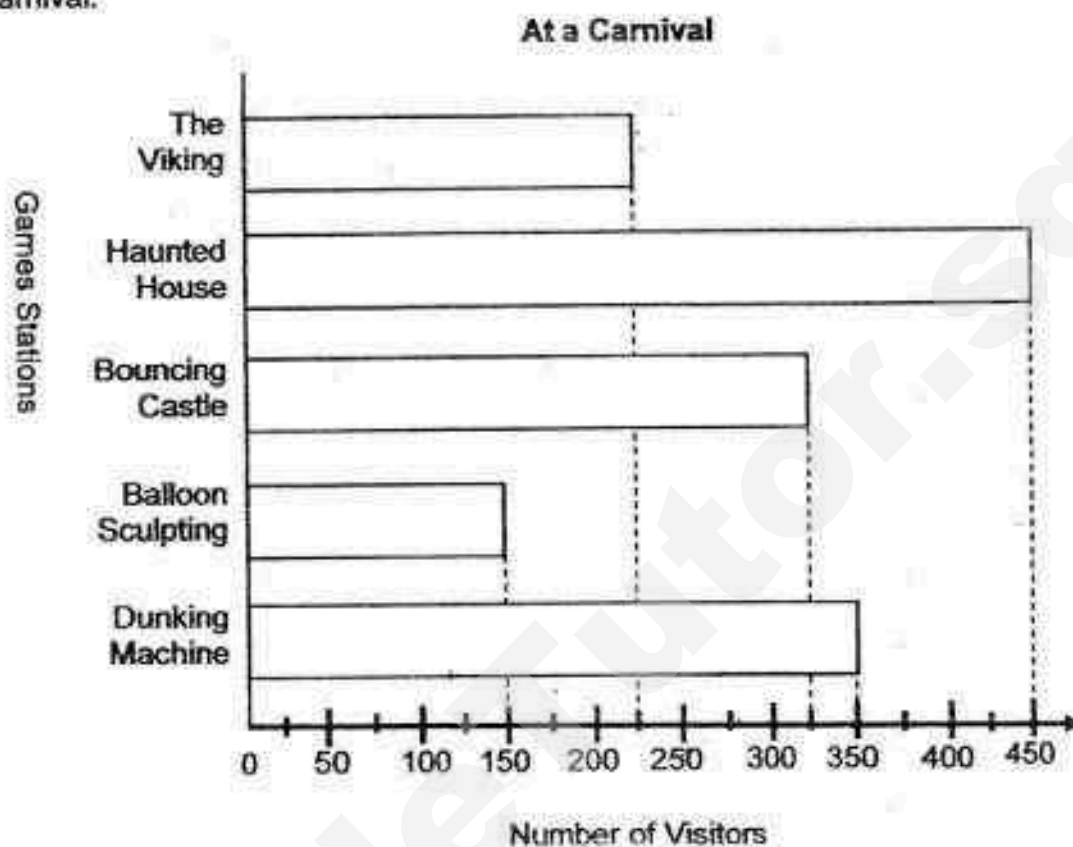
Ans: _____ p.m.



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Use the bar graph below to answer questions 27 and 28.

The bar graph shows the number of visitors at the different games stations at a carnival.

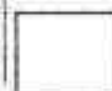


27. Which games station has only half the number of visitors as the "Haunted House?"

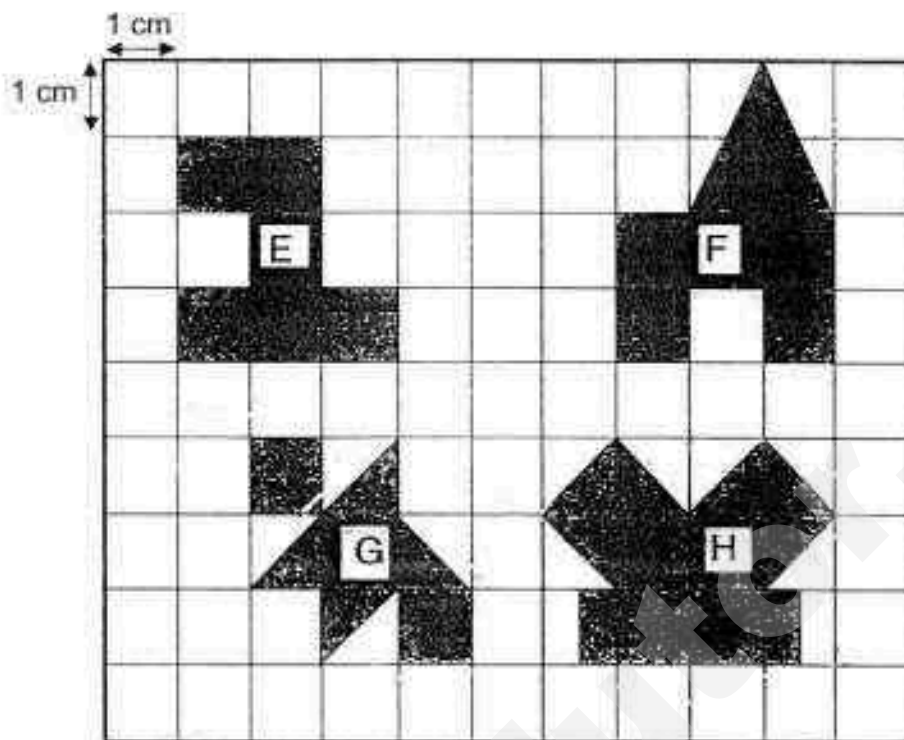
Ans : _____

28. How many visitors were at the "Bouncing Castle" and "Balloon Sculpting" altogether?

Ans : _____



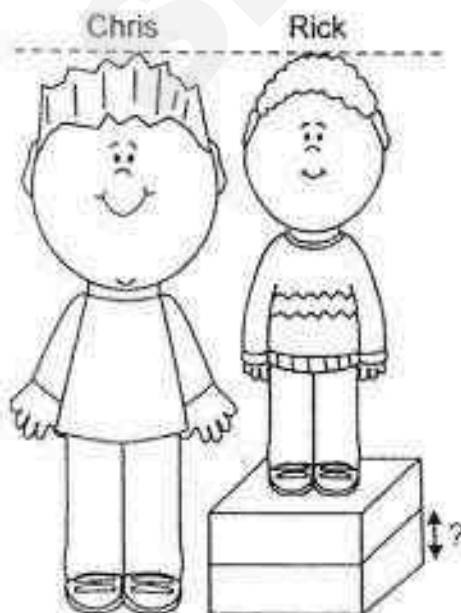
29. Which one of the following figures has the greatest area?



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Ans : Figure _____

30. Chris is 1 m 67 cm tall. Rick is 1 m 29 cm tall. When Rick stands on two similar wooden boxes, he is as tall as Chris. What is the height of one wooden box?



Ans : _____ cm



Name: _____ ()

Class : Primary 3 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 3 Mathematics

2016 Semestral Assessment Two

Booklet B

25 October 2016

Booklet A :	/ 30
Booklet B :	/ 50
Total :	/ 80

Parent's/Guardian's Signature

TOTAL TIME FOR BOOKLETS A AND B: 1 HOUR 45 MINUTES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

This booklet consists of 13 printed pages including the cover page.

on C: (20 marks)

Questions 31 to 36, show your working clearly and write your answers in the space provided. The number of marks available is shown in brackets [] at the end of question or part-question.

Do not
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Aiyana bought a handbag and a coin pouch. The handbag costs 5 times as much as the coin pouch. How much more did Aiyana pay for the handbag than the coin pouch?



Ans : _____ [3]

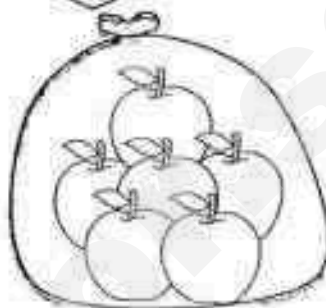
32. At Tian Tian Fruits Stall, mangoes are sold in packets of 2 and apples are sold in packets of 6.

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Each packet of
2 mangoes for \$5



Each packet of
6 apples for \$6.25



Kaila bought 18 mangoes and 6 apples. How much did she pay for the mangoes and the ~~oranges~~ apples altogether?

Ans : _____ [3]

33. A jug contains 2ℓ of lemonade. Macy poured some lemonade from the jug equally into 6 similar glasses completely. Each glass contained $220\text{ m}\ell$ of lemonade. How many millilitres of lemonade was left in the jug?

Do not
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Ans : _____ [3]



34. There were 106 people in a queue for a free ice cream at Deli Cafe. Remesh was the 12th person in the queue. Ted was the 2nd last person in the queue. How many people were there between Remesh and Ted?

Do not
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Ans : _____ [3]



35. Enid and Simone had 138 beads altogether. Nikita had three times as many beads as Simone. Enid had 26 more beads than Nikita. How many beads did Simone have?

Do not
write in
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Ans : _____ [4]



36. Tasha finished drawing and painting a picture at 1.15 p.m. She took 45 minutes to draw the picture and 1 h 20 min to paint the same picture.

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- (a) How much time did Tasha spend drawing and painting the picture?
(b) At what time did Tasha start to draw and paint the picture?

Ans : (a) _____ [2]

(b) _____ [2]

****END OF PAPER****

YEAR	:	2016
LEVEL	:	PRIMARY 3
SCHOOL	:	CHIJ ST NICHOLAS GIRLS
SUBJECT	:	MATHEMATICS
TERM	:	SA2

Booklet A

Q1	4	Q6	4	Q11	4
Q2	1	Q7	2	Q12	3
Q3	2	Q8	3	Q13	1
Q4	4	Q9	4	Q14	2
Q5	1	Q10	3	Q15	4

Booklet B

Q16

Q17

Q18

Q19

Q20

Q21

Q22

Q23

Q24

Q25

Q26

Q27

Q28

Q29

Q30

Q31

$$\$510 \div 5 \rightarrow \$102$$

$$\$510 - \$102 \Rightarrow \$408 \text{ more}$$

Q32

$$\text{Mangoes} \rightarrow 18 \div 2 = 9 \text{ packets} \times \$5 \rightarrow \$45$$

$$\text{Apples} \rightarrow 1 \text{ packet} \times \$6.25$$

$$\text{Total} \rightarrow \$45 + \$6.25 \Rightarrow \$51.25$$

Q33

$$220 \times 6 \rightarrow 1320$$

$$2000 - 1320 \Rightarrow 680 \text{ ml left}$$

Q34

$$105 - 12 \rightarrow 93$$

$$93 - 1 \Rightarrow 92 \text{ people}$$

Q35

$$138 - 26 \rightarrow 112$$

$$112 \div 4 \Rightarrow 28 \text{ beads}$$

Q36

(a) $1\text{h } 20\text{min} + 40\text{min} \rightarrow 2\text{h}$

$$2\text{h} + 5\text{min} \Rightarrow 2\text{h } 5\text{min}$$

(b)

	5min		2h	
11.10	11.15			1.15

Tasha started at 11.10 am.

End

Booklet B

Q16. 1086, 1680, 1806, 1860

Q17. 4930

Q18. 706cm

Q19. 4/9

Q20. 6

Q21. Z

Q22.



Q23. $8+8+9+4+3+2=34m$

Q24. $8 \times 7 = 56$
 $56 + 4 = 60$

Q25. 5/6

Q26. 5.45 p.m.

Q27. The Viking (225)

Q28. $325 + 150 = 475$

Q29. H

Q30. 167-1.29
 $38 \div 2 = 19cm$