Rosyth School
Topical Test 2014
Mathematics
Primary 3

Total ____/40

Name: _____

Class: Pri 3 -_____ Register No._____Duration: 60 min

Date: 28th February 2014 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 Obtained
Section A	10	
Section B	14	
Section C	16	
Total	40	

* This paper consists of 9 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. In 4 957, the digit 9 is in the _____ place.

   (1) ones (2) tens

   (3) hundreds (4) thousands ( )

2. 8 thousands + 1 tens + 2 ones = _____

   (1) 812 (2) 8 012

   (3) 8 102 (4) 8 120 ( )

3. What is the sum of 2 982 and 563?

   (1) 2 419 (2) 2 429

   (3) 3 445 (4) 3 545 ( )

4. 8 groups of 4 is the same as_____

   (1) 8 + 4 (2) 8 - 4

   (3) 8 x 4 (4) 8 ÷ 4 ( )

5. There were 2 160 men at the stadium. There were 921 more men than women. How many women were at the stadium?

   (1) 1 239 (2) 2 249

   (3) 2 841 (4) 3 081 ( )

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 carries 1 mark each, while questions 10 to 14 carries 2 marks each.

---

6. In the number 5 102, the value of digit 1 is _____.

7. Write six thousand and forty-two in numerals.

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

Smallest , , , Greatest

9. 7 + 7 + 7 + 7 + 7 = 7 x ☐

10. 5 030 − 4 780 = _____.

11. What are the missing numbers represented by A and B?

	6	9	2	8
−		B	5	4
	6	3	7	A

A:

B:

12. Dexter collected 7 stamps.
Jensen collected thrice as many stamps as Dexter.
How many stamps did they have altogether?

stamps

13. The difference between 2 numbers is 45.
The smaller number is 186.
What is the greater number?

14. Daniel collected 72 game cards.
He collected 8 times as many cards as Jonathan.
How many game cards did Jonathan collect?

game cards

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. 2 apples and 2 oranges cost $10.
2 apples and 4 oranges cost $14.
How much do 6 oranges cost?

Workings

Answer: _____

16. A wallet costs \$9, and a smartphone cost \$1 230.
A bag costs 5 times as much as the wallet.
How much more does the smartphone cost than the bag?

Workings

Answer: _____

17. Rajah has 18 ducks and cows in his farm.
The ducks and cows have 48 legs altogether.
How many ducks and how many cows are there in Rajah's farm?

Workings

Answer: _____ ducks

_____ cows

18. Najib tore his bank passbook by accident as he was cleaning up his room.

In the passbook record, it is shown that he saved $6 in the first month.
In the following months, he saves $6 more than the previous month.
How many months will it take him to save $90 in total?

Workings

BANK PASSBOOK

Answer: _____

-End of Paper-

EXAM PAPER 2014
LEVEL : PRIMARY 3
SCHOOL : ROSYTH SCHOOL
SUBJECT : MATHS
TERM : TERM 1 – TOPICAL TEST

Q1	Q2	Q3	Q4	Q5
3	2	4	3	1

Q6 100

Q7 6042

Q8 7028, 7082, 7208, 7802

Q9 5

Q10 250

Q11 A: 4, B: 5

Q12 28 stamps

Q13 231

Q14 9 game cards

Q15 $10 - $14 = $4 (2 oranges)
$4 ÷2 = $2 (1 orange)
$2 x 6 = $12

6 oranges cost $12

Q16 $9 X 5= = $45 (bag)
$1230 - $45 = $1185

The smartphone cost $1185 more than the bag.

Q17 Assume all the animals are ducks.

18 x 2 = 36
48 – 36 = 12
4 – 2 = 2
12 ÷ 2 = 6
18 – 6 = 12

There are 12 ducks and 6 cows.

Q18

Month	1	2	3	4	5
Amount saved ($)	6	6 + 6 = 12	12 + 6 = 18	18 + 6 = 24	24 + 6 = 30
Total ($)	6	6 +12 = 18	18 + 18 = 36	24 + 36 = 60	30 + 60 = 90

He will take 5 months to save $90.

Anglo-Chinese School (Primary)

MID-YEAR EXAMINATION 2014
MATHEMATICS
BOOKLET A
PRIMARY THREE

Name: _____ ( ) Class: Primary 3 ___

Date: 9 May 2014 Duration of Booklets A & B: 1h 45min

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 7 913, the digit 9 is in the _____ place.

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

2. Six thousand, six hundred and six is the same as _____.

   (1) 6 066
   (2) 6 606
   (3) 6 660
   (4) 6 666

3. 4 040 is 80 more than _____.

   (1) 3 240
   (2) 3 960
   (3) 4 020
   (4) 4 120

4. What is the difference between 56 hundreds and 1 965?

   (1) 1 405
   (2) 1 909
   (3) 2 021
   (4) 3 635

5. Alice had 8 boxes of oranges. There are 46 oranges in each box. How many oranges does she have altogether?

(1) 38

(2) 54

(3) 328

(4) 368

6. When a number is divided by 9, it gives a quotient of 23 and a remainder of 5. What is the number?

(1) 115

(2) 124

(3) 207

(4) 212

7. Jay has twice as many stamps as Zoe. Zoe has three times as many stamps as Ann. Jay has 42 stamps. How many stamps does Ann have?

(1) 7

(2) 14

(3) 21

(4) 48

8. Kelly had some money in her wallet. She spent $15.45 and had $6.50 left. How much money had she at first?

(1) $8.95

(2) $11.15

(3) $20.95

(4) $21.95

9. A microwave oven costs $1 093 less than a refrigerator. If the microwave oven costs $1445, how much does the refrigerator cost?

(1) $352

(2) $452

(3) $2 438

(4) $2 538

10. The given figures below are made up of lines. Study the following patterns. How many dots are there in Figure 6?

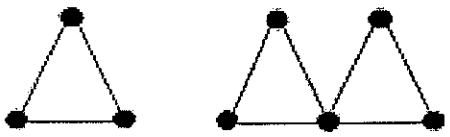


Figure 1
3 Dots

Figure 2
5 Dots

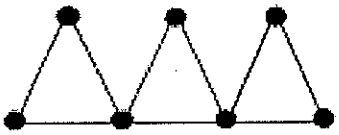


Figure 3
7 Dots

?

Figure 6
? Dots

(1) 12

(2) 13

(3) 15

(4) 18

Anglo-Chinese School (Primary)

MID-YEAR EXAMINATION 2014
MATHEMATICS
BOOKLET B
PRIMARY THREE

Name: _____ ( ) Class: Primary 3 ___

Date: 9 May 2014 Duration of Booklets A & B: 1h 45min

_____
Parent's/Guardian's signature

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 14 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 8 412 in words.

Answer : _____

12. Complete the following number pattern.

185 , 208 , 231 , _____ , 277 , 300

Answer : _____

13. What is the smallest 4-digit odd number that can be formed with the digits 5, 7, 1 and 8?

Answer : _____

14. Container X has 2 909 marbles. Container X has 10 marbles fewer than Container Y. How many marbles are there in the two containers?

Answer : _____

15. Find the value of the digit 9 in 3492.

Answer : _____

16. Peiwen wanted to arrange 5 roses in a vase. If she had 35 roses, how many vases did she need?

Answer : _____

17. What is the remainder when 238 is divided by 6?

Answer : _____

18. Zavier reads 4 books in a week. How many books will he read in 28 weeks?

Answer : _____

19. Tim has 6 fifty-cent coins, 5 twenty-cent coins and 3 five-cent coins. How much money does Tim have?

Answer : $ _____

20. Max wants to buy a toy car that costs $78.45. He has $26.50 in his wallet. How much more money does Max need to buy the toy car?

Answer : $ _____

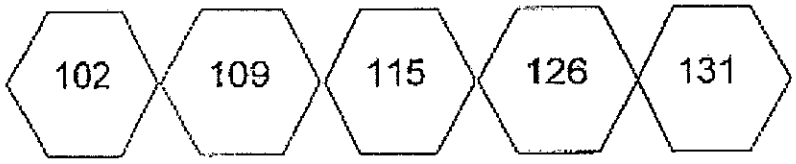
21. The number 1 740 is _____ tens less than 2 500.

Answer : _____

22. A car can carry 7 people only. What is the smallest number of cars needed to carry 59 people?

Answer : _____

23. Which of these numbers are even numbers?



Answer : _____ and _____

24. The difference between two numbers is 540. If the smaller number is 182, what is the sum of the two numbers?

Answer : _____

25. When I add 135 to a number, I get 500. What will I get if I subtract 56 from this number?

Answer : _____

26. A farm has 8 horses and 6 chickens. A horse has 4 legs, while a chicken has 2 legs. How many legs of horses and chickens are there altogether in the farm?

Answer : _____

27. Jess baked 35 cupcakes. Pete baked 14 cupcakes. They packed all the cupcakes equally into 7 boxes. How many cupcakes are there in each box?

Answer : _____

28. I am a three-digit number.
The digit in the hundreds place is 7 more than the digit in the tens place.
The digit in the tens place is 6 less than the digit in the ones place.
The digit in the ones place is 8.
What number am I?

Answer : _____

29. I am a number between 15 and 20. When I am divided by 2, the remainder is 1. When I am divided by 4, the remainder is also 1. What number am I?

Answer : _____

30. Joseph bought a fan for $89.90 and a kettle for $39.90. He gave the cashier three fifty-dollar notes. How much change did he receive?

Answer : $_____

31. Mrs Lee buys 8 boxes of muffins. There are 4 muffins in each box. She wants to put 2 muffins on each plate. How many plates will she need?

Answer : _____

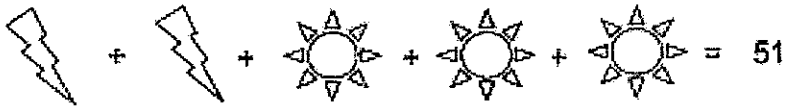
32. Pamela wrapped 564 oranges into baskets of 6. She sold 32 baskets, how many baskets were left unsold?

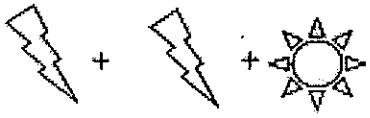
Answer : _____

33. What number must be subtracted from the sum of 4 625 and 3 425 to make 1 000?

Answer : _____

34. Study the diagram below.

If  = 51

and 

Find

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 space provided. Express your answers in the units stated and in its simplest form whenever possible.

35. Karen is 17 years younger than her 50-year old brother, Tom. What will be their total age in 13 years' time?

Answer: _____ [3]

36. The cost of 5 watches is the same as the cost of 2 necklaces. If each watch cost $46, how much is the cost of each necklace?

Answer: _____ [3]

37. Each child received 7 lollipops and 2 chocolates at a party. 180 lollipops and chocolates were shared equally among these children. How many more lollipops than chocolates were there?

Answer: _____ [4]

38. A bookshop sold notebooks at $3 each and pens at $2 each.

(a) On Monday, the cashier collected $114 from the sale of some notebooks. How many notebooks were sold on Monday?

(b) On Tuesday, the cashier sold an equal number of notebooks and pens. The cashier collected a total of $560. How much money did the cashier collect from the sale of the pens on Tuesday?

Answer: (a) _____ [1]

(b) _____ [3]

39. Warehouse X has 266 mattresses more than Warehouse Y. Warehouse Y has 437 fewer mattresses than Warehouse Z. If Warehouse Z has 850 mattresses, how many mattresses are there in all the Warehouses?

Answer: _____ [4]

40. There are 19 bicycles and tricycles in a park. A bicycle has 2 wheels, while a tricycle has 3 wheels. If there are 45 wheels in the park, how many bicycles are there?

Answer: _____ [4]

End-of-Paper

Year: 2014
Level: Primary 3
School: Anglo-Chinese School (Primary)
Subject: Mathematics
Semester: SA1

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

Q11) Eight thousand, four hundred and twelve.
Q12) 254
Q13) 1587
Q14) 5828
Q15) 90
Q16) 7
Q17) 4
Q18) 112
Q19) $4.15
Q20) $51.95
Q21) 76
Q22) 9
Q23) 126 and 102
Q24) 904
Q25) 309
Q26) 44
Q27) 7
Q28) 928
Q29)17
Q30) $20.20
Q31) 16
Q32) 62
Q33) 7050
Q34)13
Q35) 50-17=33
33+13=46
50+13=63
63+46=109
Answer: 109
Q36) 46×5=230
230÷2=115
Answer: 115
Q37) 180÷9=20
7-2=5
20×5=100
Answer: 100
Q38)a) 114÷3=38

Answer: 38

b) 2+3=5

560÷5=112

112×2=224

Answer: $224

Q39) 850-437=413 (Warehouse Y)

413+266=679 (Warehouse X)

413+679=1092 (Warehouse X+Y)

1092+850=1942 (Total no. of mattresses)

Answer: 1942

Q40) Method 1:

No. of tricycles	No. of wheels	No. of bicycles	No. of wheels	Sum of wheels	Check
9	9×3=27	10	10×2=20	47	X
8	8×3=24	11	11×2=22	46	X
7	7×3=21	12	12×2=24	45	X

Answer: 12

Method 2:

If all of the 19 bicycles and tricycles were tricycles,

No. of wheels

= 19×3

= 57

Difference

= 57-45

= 12

Difference between no. of wheels of 1 bicycle and 1 ticycle

= 3-2

= 1

No. of bicycles

= 12÷1

= 12

Answer: 12

CATHOLIC HIGH SCHOOL
MID-YEAR EXAMINATION 2014
MATHEMATICS
PRIMARY 3

Name :_____( )

Class: Primary 3 _____

Date: 20 May 2014

Duration: 1 h 45 min

Parent's Signature: _____

Section A	30
Section B	34
Section C	16
Total Marks	80

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

For section A, shade your answers in the Optical Answer Sheet (OAS) provided.

This booklet consists of 17 printed pages.

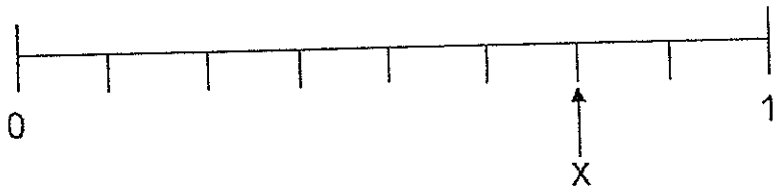
SECTION A: Multiple-Choice Questions (15 x 2 marks)

For each of the question from 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).

1. Find the sum of 796 and 1349.

(1) 553
(2) 2035
(3) 2145
(4) 9309 ( )

2. Part of a scale is shown below. What is the value of the reading at X?



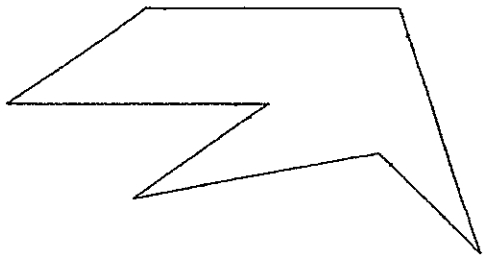
(1) $\frac{6}{10}$

(2) $\frac{8}{10}$

(3) $\frac{6}{8}$

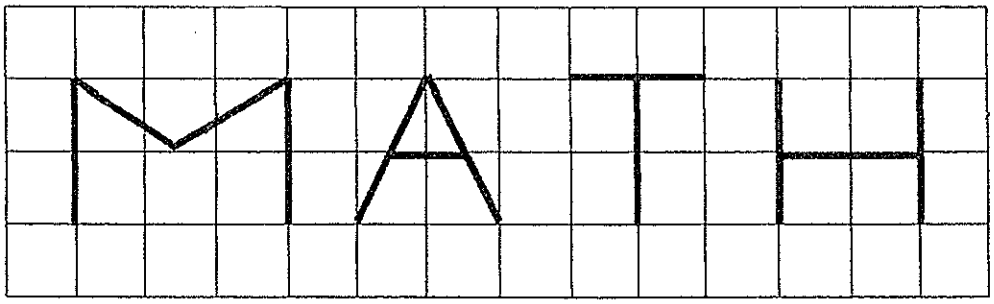
(4) $\frac{7}{8}$ ( )

3. How many angles are there in the figure?



(1) 7
(2) 9
(3) 3
(4) 4 ( )

4. In the square grid, how many letters shown below have parallel lines?



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

5. Zachary left a birthday party at 2.05 p.m.
He was at the party for 3 h 15 min.
At what time did he arrive at the party?

(1) 5.20 a.m.
(2) 10.50 a.m.
(3) 5.20 p.m.
(4) 10.50 p.m. ( )

6. Find the product of 1064 and 7.

(1) 7028
(2) 7048
(3) 7428
(4) 7448

( )

7. 6840 is 20 tens less than _____.

(1) 6620
(2) 6640
(3) 7860
(4) 7040

( )

8. 6 × 6 = _____ groups of 4

What is the missing number in the blank?

(1) 36
(2) 54
(3) 9
(4) 4

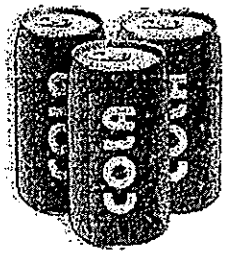
( )

9. 2 identical cups of water can fill a jug.
8 such jugs of water can fill a pail.
How many cups of water can fill a pail?

(1) 6
(2) 2
(3) 10
(4) 16

( )

10. John bought 9 cans of cola from a supermarket at a special offer. How much did he pay in all?



Special offer

3 cans for $2.20

(1) $4.40
(2) $6.60
(3) $11.20
(4) $19.80 ( )

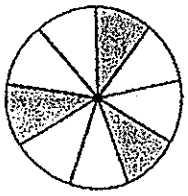
11. Fred donated $6574 to a local charity. He donated $480 less than Peter. How much did Peter donate?

(1) $6094
(2) $6114
(3) $6954
(4) $7054 ( )

12. Which one of the following numbers does not have a remainder when divided by 5?

(1) 223
(2) 230
(3) 364
(4) 891 ( )

13. The circle shown below is divided into equal parts.
What fraction of the figure is unshaded?



(1) $\frac{2}{3}$

(2) $\frac{1}{3}$

(3) $\frac{1}{2}$

(4) $\frac{3}{8}$ ( )

14. Calvin made a pizza. He ate $\frac{1}{6}$ of the pizza and gave $\frac{1}{2}$ of it to his brother. What fraction of the pizza was left?

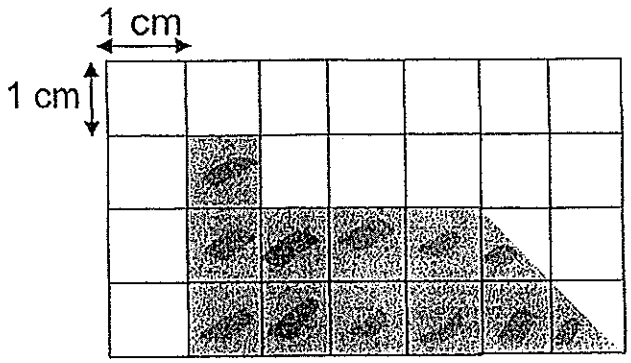
(1) $\frac{1}{4}$

(2) $\frac{1}{3}$

(3) $\frac{1}{2}$

(4) $\frac{2}{3}$ ( )

15. What is the area of the shaded figure shown below?



(1) 11 cm^2
(2) 12 cm^2
(3) 15 cm^2
(4) 16 cm^2 ( )

SECTION B: Open-ended Questions (6x1 mark and 14x2 marks)
Questions 16 to 21 carry 1 mark each. Questions 22 to 35 carry 2 marks each. Show your working clearly in the space provided and write the correct answers in the answer boxes provided.

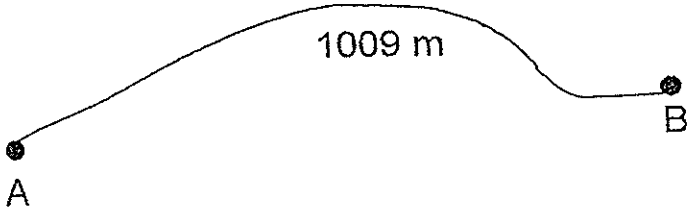
16. What is the value of digit 8 in 9861?

Ans: ____

17. Express $\frac{3}{12}$ in its simplest form.

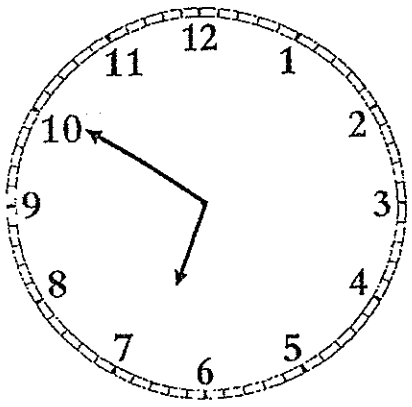
Ans: ____

18. Write the distance between Point A and Point B in kilometres and metres.



Ans: ____ km ____ m

19. Wendy took her dinner at the time shown on the clock.
What time did she take her dinner?



Ans: _____ p.m.

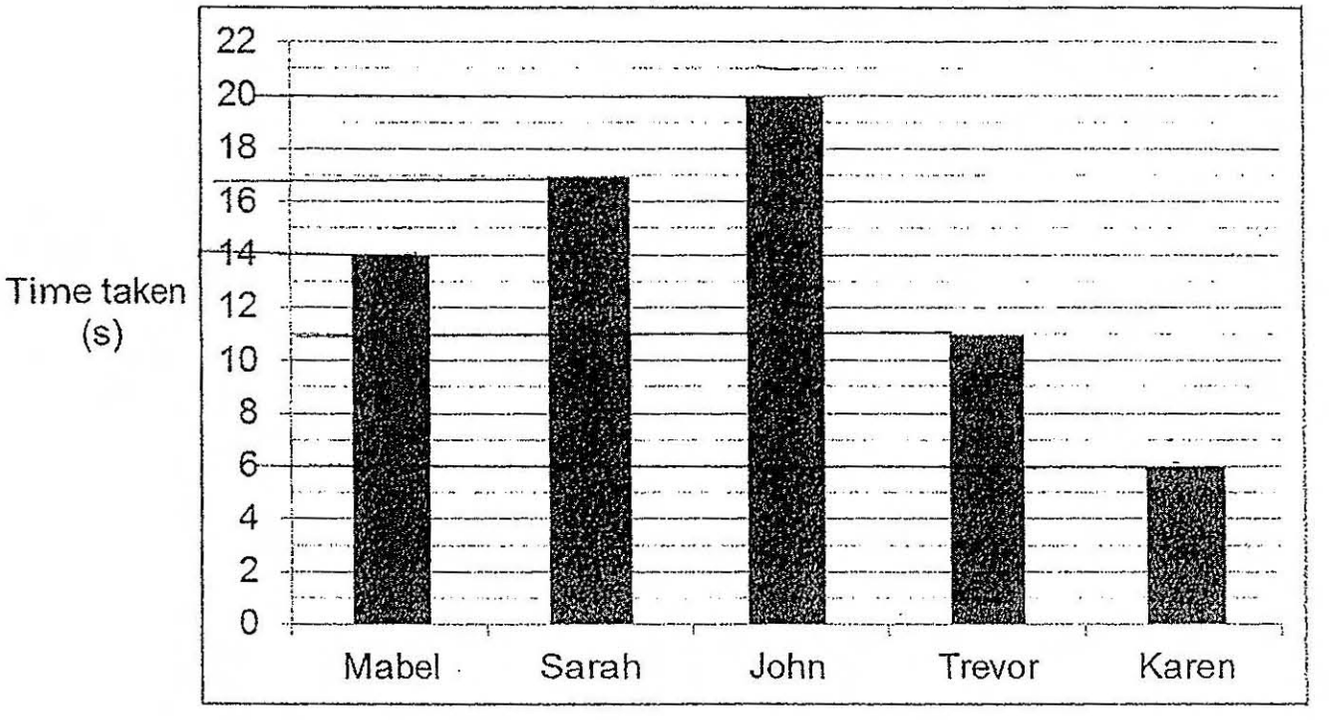
20. Arrange the fractions in order, beginning with the greatest.

$\frac{2}{5}$, $\frac{2}{3}$, $\frac{2}{7}$

Ans: _____, _____, _____
greatest smallest

The graph below shows the time taken for 5 pupils to complete a 50-m race. Use the information given to answer questions 21 to 23.

Time taken to complete 50-m race by 5 pupils



21. Which pupil took the most time to complete the race?

Ans: _____

22. How much less time did Sarah take to complete the race than John?

Ans: _____ s

23. What is the total time taken for the first 3 winners to complete the race?

Ans: _____ s

24. Find the quotient when 769 is divided by 8.

Ans: ____

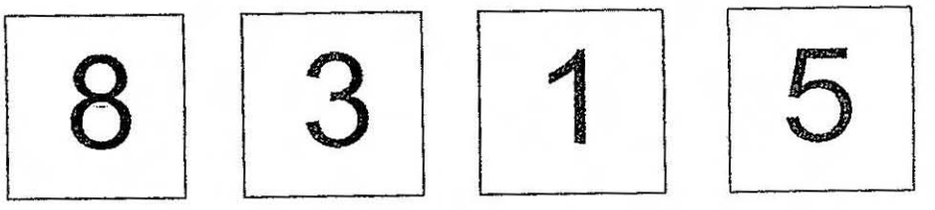
25. Joe coloured $\frac{1}{12}$ of a picture in the morning. He coloured $\frac{3}{4}$ of the same picture in the afternoon. What fraction of the picture was coloured?
(Express your answer in the simplest form.)

Ans: ____

26. After spending $3560 on a television set, Daniel has $585 left. How much money did he have at first?

Ans: $ ____

27. Use the following digits to form the greatest 4-digit even number.
All the digits must be used and each digit can only be used once.



Ans: ____

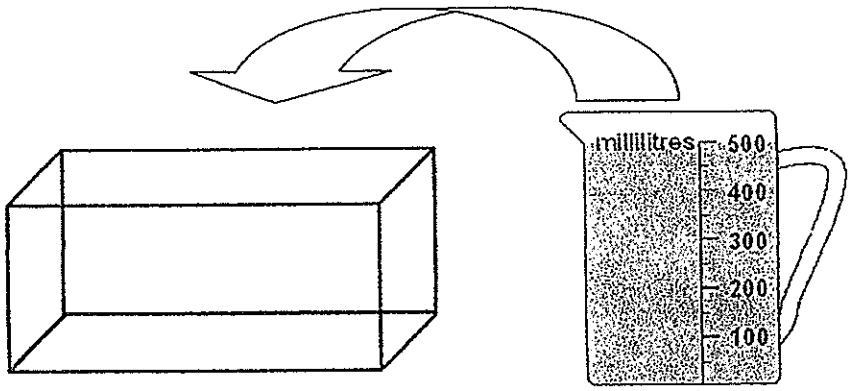
28. Joseph started his piano lesson at 1.55 p.m.
His lesson ended at 3.00 p.m. How long was his piano lesson?
Leave your answers in hour and minutes.

Ans: ____ h ____ min

29. 10 identical marbles weigh 35 g.
Find the mass of 30 such marbles.

Ans: ____ g

30. Study the diagram below. The beaker contained some milk as shown.



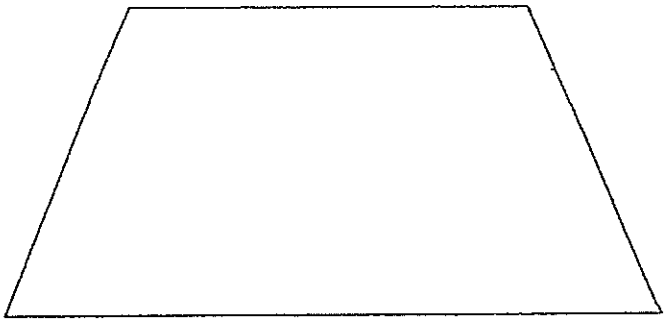
Fred poured all the milk from the beaker into an empty container.

He had only enough milk to fill $\frac{1}{2}$ of the container.

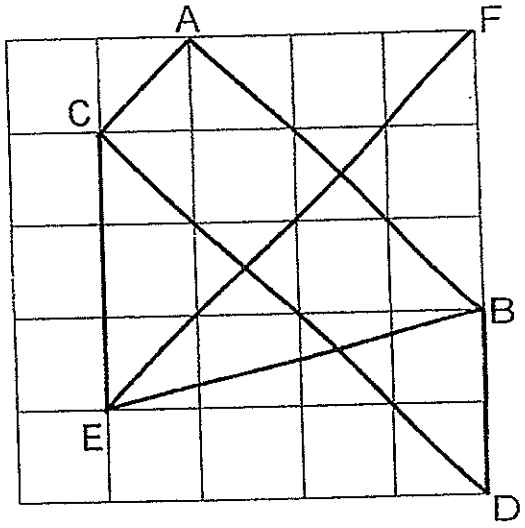
How much milk can the container hold when it is completely filled?

Ans: _____ ml

31. Mark all the angles that are greater than a right angle in the figure below.



32. In the square grid, which two lines are perpendicular to AB?

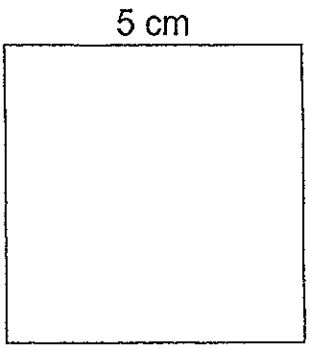


Ans: and

33. Koen and Calvin had the same amount of money in their wallets at first. After Koen gave Calvin $45, how much more money did Calvin have than Koen in the end?

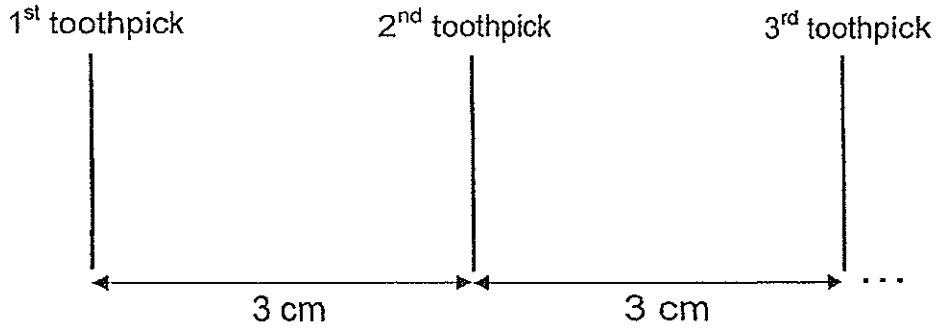
Ans: $

34. Find the area of the square shown below.



Ans: _____ cm^2

35. 6 toothpicks were laid on a table as shown below.
Each toothpick was placed at 3 cm away from the next one.
What was the distance between the 1^{st} and 6^{th} toothpick?



Ans: _____ cm

SECTION C: Story Sums (4 x 3 marks and 1 x 4 marks)
Solve the following story sums. All workings must be shown clearly. Draw models if necessary.

36. Kenneth and Pauline have 1070 beads. Kenneth has 400 beads more than Pauline. How many beads does Pauline have?

Ans: _____ [3]

37. Clara baked 160 cookies. After packing an equal number of cookies into 6 bags, she had 16 cookies left. How many cookies were packed in each bag?

Ans: _____ [3]

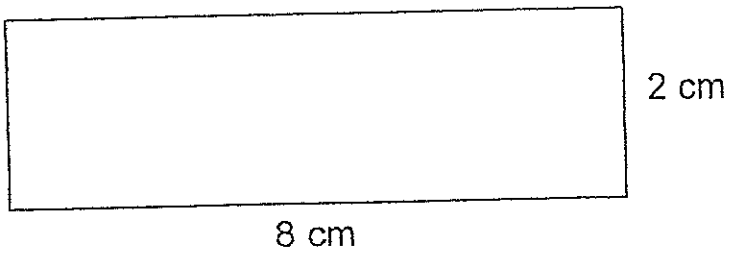
38. Alan, Bryan and Carl shared some stamps.
Bryan had twice as many stamps as Alan and Carl had thrice as many stamps as Bryan.
Carl had 60 more stamps than Alan.
How many stamps did Carl have?

Ans: _____ [3]

39. Charles bought a box of cereal and a loaf of bread. He gave the cashier $14 and received $3.45 in change. The box of cereal cost $7.45. How much did the loaf of bread cost?

Ans: _____ [3]

40. Jeff was given a piece of wire. He bent the wire to form a rectangle as shown below.



(a) What was the length of the piece of wire given to Jeff?

Ans: (a) _____ [2]

(b) Find the area of rectangle formed by Jeff.

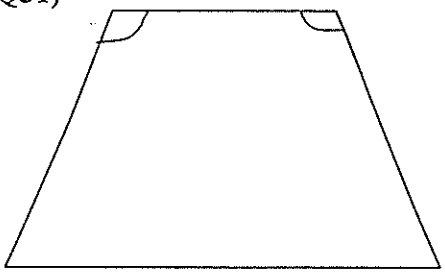
Ans: (b) _____ [2]

END OF THE PAPER

Year: 2014
Level: Primary 3
School: Catholic High School
Subject: Mathematics
Semester: SA1

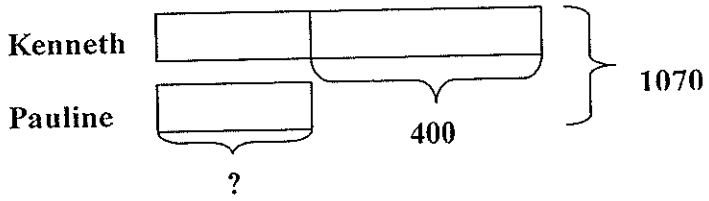
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	3	1	2	2	4	4	3	4	2
Q11	Q12	Q13	Q14	Q15					
4	2	1	2	1					

Q16) 800
Q17) ¼
Q18) 1 km 9 m
Q19) 6.50 pm
Q20) 2/3, 2/5, 2/7
Q21) John
Q22) 3
Q23) 31
Q24) 96
Q25) 5/6
Q26) $4145
Q27) 5318
Q28) 1 h 5 min
Q29) 105 g
Q30) 1000 ml
Q31)



Q32) EF and AC
Q33) $90
Q34) 25 cm^2
Q35) 15 cm

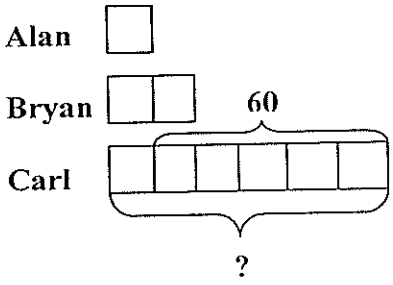
Q36)



1070-400=670
670÷2=335
Answer: 335

Q37) 160-16=144
144÷6=24
Answer: 24

Q38)



5 units → 60
1 unit → 60÷5 = 12
60+12=72
Answer: 72

Q39) $14.00-$3.45=$10.55
$10.55-$7.45=$3.10
Answer: $3.10

Q40)a) Length of the piece of wire given to Jeff
= 8 cm+ 2 cm + 8 cm + 2 cm
= 20 cm
Answer: 20 cm
b) Area of rectangle formed by Jeff
= 2 cm × 8 cm
= 16 cm^2
Answer: 16 cm^2

Name: _____ ( )

Class : Primary 3 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 3 Mathematics

2014 Semestral Assessment One

Booklet A

12 May 2014

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 **6** 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. In 5761, the digit 5 stands for _____.

   1) 500 ones
   2) 50 hundreds
   3) 50 tens
   4) 5 tens

2. 4567 = 3000 + 500 + ___?___ + 7

   What is the missing number?

   1) 60
   2) 1000
   3) 1060
   4) 1600

3. The value of the digit 2 in the sum of 7445 and 1805 is _____.

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

4. 2014 less than 7000 is _____.

1) 4086

2) 4096

3) 4986

4) 5014

5. 8 + 8 + 8 + 24 = _____ x 8

1) 7

2) 6

3) 3

4) 4

6. What is the product of 187 and 4?

1) 748

2) 728

3) 568

4) 448

7. $32.75 + $109.50 = _____

1) $142.25

2) $141.25

3) $132.25

4) $131.25

8. Thomas bought 3701 red pins. He bought 269 more blue pins than red pins. How many blue pins did he buy?

1) 3432

2) 3462

3) 3960

4) 3970

9. Ginny bought 5 boxes of coloured cards. There were 208 coloured cards in each box. She used 165 coloured cards to make gift tags. How many coloured cards did Ginny have left?

1) 875

2) 935

3) 1040

4) 1090

10. Vincent wanted to buy 9 identical note books. Each note book cost $7. He had $45 in his wallet. How much more money would he need in order to buy the 9 note books?

1) $108

2) $63

3) $22

4) $18

11. Lorentia had some money. She paid $2450 for a computer and had $189 left. How much money had she at first?

1) $ 2261

2) $ 2361

3) $ 2539

4) $ 2639

12. There are 5 times as many white plates as pink plates on a table. If there are 450 plates in all, how many pink plates are there?

1) 75

2) 90

3) 300

4) 375

13. Mrs Wong baked 173 cookies. She baked 54 more cookies than pineapple tarts. How many cookies and pineapple tarts did she bake altogether?

1) 119

2) 227

3) 292

4) 400

14. Anna is 3 years old this year. Bernice is twice the age of Anna. Candice is 8 times the age of Bernice. How old is Candice ?

1) 6

2) 24

3) 42

4) 48

15. The difference between two numbers is 34. If the sum of the two numbers is 188, what is the smaller number?

1) 17

2) 77

3) 94

4) 111

- END OF BOOKLET A -

Name: _____ ( )

Class : Primary 3_____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 3 Mathematics

2014 Semestral Assessment One

Booklet B

12 May 2014

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 12 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 6294 in words.

Ans : _____

_____

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

8035	8503	8530	8305

Ans : _____ , _____ , _____ , _____

18. Find the missing digits, **A** and **B**.

$$\begin{array}{r} 3\,\boxed{A}\,5\,7 \\ -\quad 4\,\boxed{B}\,8 \\ \hline 2\,6\,8\,9 \end{array}$$

Ans : A = _____

B = _____

19. Tony had 7 two-dollar notes and 5 fifty-cent coins. If he bought a pen for $15.99, how much money had he left?

Do not write in this space

Ans : $ _____

20. When a number is divided by 7, the quotient is 247 and the remainder is 3. What is the number?

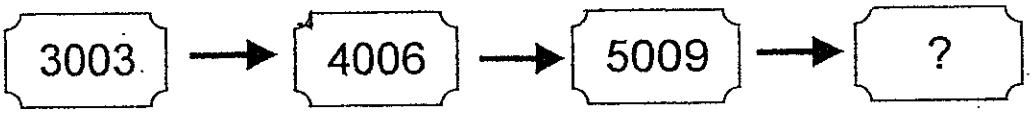
Ans : _____

21. How many different ways, in total, can 3-digit odd numbers be formed with the digits below?

Ans : _____

Do not write in this space

22. Study the number pattern below carefully.



What is the missing number?

Ans : _____

23. At a sports carnival, there were 2301 people. 599 of them were adults while the rest were children. How many more children than adults were there?

Do not write in this space

Ans : _____

24. Alicia had $183. Her mother gave her $202. She spent all her money in a week. If she spent an equal amount of money daily, how much did she spend each day? (Note : 1 week = 7 days)

Ans : $ _____

Do not write in this space

25. Ming Xiang is thinking of a 4-digit number.
The number in the ones place is the greatest 1-digit number.
The digit 2 has a value of 2000.
The digits in the thousands and tens place add up to 8.
The digit in the hundreds place is 5 less than the digit in the tens place.
What number is Ming Xiang thinking of?

Ans : _____

26. Mrs Yong had $650. She wanted to buy 2 of the following items. However, she was short of $185. Which two items below did Mrs Yong want to buy?

Item	Cost
Rice Cooker	$325. 75
Sofa	$399.90
DVD player	$250.25
Television	$435.10

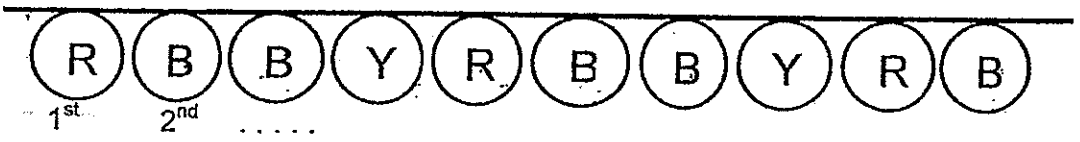
Ans : _____ and _____

27. Chloe has 4 times as many books as Donna. If Donna has 816 fewer books than Chloe, how many books does Donna have?

Do not write in this space

Ans : _____

28. Red, blue and yellow lanterns were hung in a straight line in the pattern shown below.



What is the colour of the 16th lantern?

Ans : _____

29. A deliveryman delivered some cartons of fruits to 3 different shops. Shop A received 910 more cartons of fruits than Shop B. Shop C received 195 fewer cartons of fruits than Shop B. How many more cartons of fruits did Shop A receive than Shop C ?

Do not write in this space

Ans : _____

30. Zoe has 51 pins. Yannie has 7 times as many pins as Zoe. How many pins must Yannie give to Zoe so that they have the same number of pins?

Ans : _____

Section C: (20 marks)

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.

Do not write in this space

31. Molly bought 39 m of black lace and 145 m of pink lace. Each metre of lace cost $2. How much did she pay in all ?

Ans : _____ [3]

32. Yong Jie bought 1174 marbles at a sale. He gave 295 marbles to Eric and packed the remaining marbles into bags of 6 marbles. How many bags of 6 marbles could he pack in all ?

Ans: _____ [3]

33. 115 boxes of buns were ordered for a swimming carnival. There were 4 sardine buns and 2 chicken floss buns in each box. If each child was given 2 buns, how many children were there at the swimming carnival?

Do not write in this space

Ans : _____ [3]

34. In a carpark, there was an equal number of cars and motorcycles parked there. If there were a total of 48 wheels, how many vehicles were there at the carpark altogether? (Note : 1 car has 4 wheels, 1 motorcycle has 2 wheels)

Ans : _____ [3]

35. School A had 1105 students.
School B had 320 more students than School A.
School B had 208 more students than School C
How many students were there in the 3 schools altogether?

Do not write in this space

Ans : _____ [4]

36. 214 books were placed on a book case. There were 10 shelves in the book case. On the top shelf, 15 books were placed there. On the bottom shelf, 23 books were placed there. An equal number of books were placed on each of the remaining shelves. How many books were there on the third shelf?

Do not write in this space

Ans : _____ [4]

END OF PAPER

EXAM PAPER 2014
LEVEL : PRIMARY 3
SCHOOL : CHIJ ST NICHOLAS
SUBJECT : MATHS
TERM : SA1

Section A

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

Section B

Q16 six thousand, two hundred and ninety-four

Q17 8035, 8305, 8503, 8530

Q18 A = 1, B = 6

Q19 $0.51

Q20 1732

Q21 4

Q22 6012

Q23 1103

Q24 $55

Q25 2169

Q26 Television and Sofa

Q27 272

Q28 Yellow

Q29 1105

Q30 153

Section C

Q31 145 + 39 = 184
184 x 2 = 368

She paid $368 in all.

Q32 1174 – 295 = 879
879 ÷ 6 = 146R3

He could pack 146 bags of 6 marbles.

Q33 4 + 2 = 6
6 x 115 = 690
690 ÷ 2 = 345

There were 345 children.

Q35 number of wheels (1 car and 1 motorcycle → 4 + 2 = 6
48 ÷ 6 = 8
8 x 2 = 16

There were 16 vehicles at the carpark.

Q36 1105 + 320 = 1425
1425 – 208 = 1217
1217 + 1425 = 2462
2462 + 1105 = 3747

There were 3747 students in the 3 schools.

Q37 15 + 23 = 38
214 – 38 = 176
176 ÷ 8 = 22

There were 22 books on the third shelf.

HENRY PARK PRIMARY SCHOOL
2014 SEMESTRAL EXAMINATION I
MATHEMATICS
PRIMARY 3

/100

Name: _____ ( ) Parent's Signature

Class: Pr 3 _____ _____

Duration of Paper: 1 h 45 min

Section A: (20 x 2 marks = 40 marks)
Choose the correct answer and write its number in the brackets provided.
You are required to shade the correct oval of your answer (1, 2, 3 or 4) in the Optical Answer Sheet (OAS) provided.

1. In 4280, the digit 4 is in the _____ place.

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

2. The value of the digit 6 in 7652 is _____.

(1) 6
(2) 60
(3) 600
(4) 6000 ( )

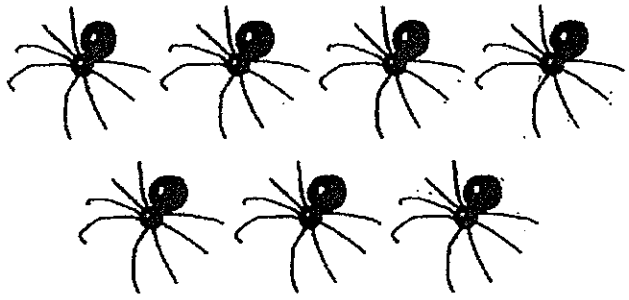
3. Find the sum of 6054 and 235.

(1) 6089
(2) 6229
(3) 6289
(4) 8404 ( )

4. 6742 – 1590 = _____

(1) 4152
(2) 4252
(3) 5146
(4) 5152 ( )

5. A spider has 8 legs.
How many legs do 7 spiders have?



(1) 42
(2) 49
(3) 56
(4) 63 ( )

6. Find the product of 67 and 9.

(1) 543
(2) 596
(3) 603
(4) 612 ( )

7. Divide 52 by 9. What is the remainder?

(1) 5
(2) 6
(3) 7
(4) 8 ( )

8. $67.45 – $21.70 = _____

(1) $45.65
(2) $45.75
(3) $46.35
(4) $46.75 ( )

9. Su Mei has $5.80.
She wants to buy a doll that costs $8.50.
How much more money does she need?

$8.50

(1) $2.30
(2) $2.70
(3) $3.30
(4) $3.70 ( )

10. How many 10-cent coins are needed to make $5?

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

11. What is the missing number in the box?

2375, 2385, 2395, ☐ , 2415

(1) 2305
(2) 2405
(3) 2425
(4) 2495 ( )

12. Alice saved $6235. Her brother saved $1765 more than her. How much did her brother save?

(1) $7980
(2) $7990
(3) $8000
(4) $8090 ( )

13. 7843 people were watching a football match.
2142 were women and the rest were men.
How many more men than women were there?

(1) 3559
(2) 3568
(3) 3569
(4) 3641 ( )

14. Kumar collected 4608 stamps. He collected 203 stamps fewer than his sister. How many stamps did they collect altogether?

(1) 4405
(2) 4811
(3) 9013
(4) 9419 ( )

15. Mrs Wong bakes 138 pineapple tarts each day.
How many pineapple tarts does she bake in a week?

(1) 690
(2) 716
(3) 916
(4) 966 ( )

16. Omar collected 288 stickers. He collected three times as many stickers as Mei Ling. How many stickers did Mei Ling collect?

(1) 72
(2) 96
(3) 864
(4) 1152 ( )

17. Mr Lim had 474 pencils.
He packed them equally into 4 plastic bags. How many pencils were left unpacked?

(1) 1
(2) 2
(3) 3
(4) 0 ( )

18. Mrs Bala spent $67.35 on groceries. She gave the cashier $100. How much change did she receive?

(1) $32.65
(2) $33.65
(3) $36.25
(4) $37.35 ( )

19. John saved $25.60. John saved $4.30 more than Tom. How much did the two boys save altogether?

(1) $29.90
(2) $44.50
(3) $46.90
(4) $55.50 ( )

20. Wei Quan spent $32.70 on food and $23.60 on stationery. He had $75.40 at first. How much had he left?

(1) $19.10
(2) $42.70
(3) $51.80
(4) $56.30 ( )

Section B: Open-Ended (20 x 2 marks = 40 marks)
Read the following questions carefully and write your answers in the boxes provided. Show all your workings clearly.

21. Write 5291 in words.

22. What is the greatest four-digit odd number that can be formed with the digits shown below?

2	5	7	8

23. 4067 + 1293 =

24. The sum of 2 numbers is 4000. The greater number is 2345.
What is the smaller number?

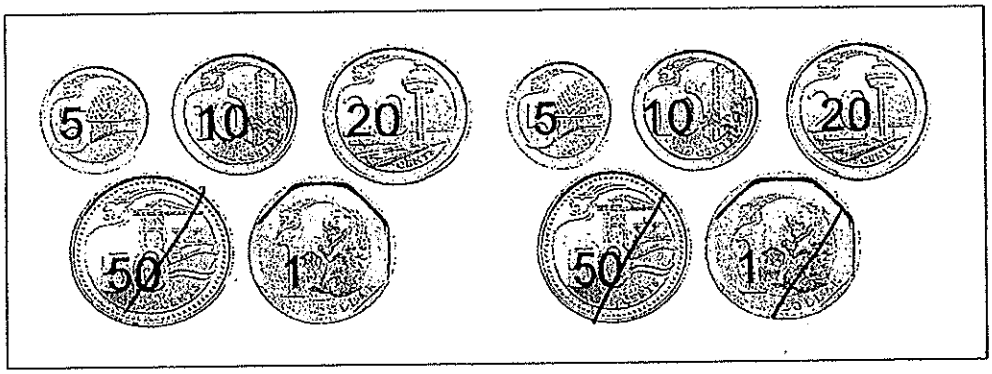
25. $408 \div 4 =$ ☐

26. There are 2 red buttons and 3 blue buttons in a box.
How many buttons are there in 60 such boxes?

27. Add 85 cents to $41.40.

$

28. What is the total value of the coins shown in the box below?



$

29. A wallet cost $67.95 before a sale. At a sale, Mr Ali paid $49.75 for the wallet. How much did Mr Ali save?

$

30. Bobby had 4196 red beads and 892 blue beads.
He played a game and lost 1375 beads. How many red and blue beads was Bobby left with?

31. What does digit A stand for?

$$\begin{array}{rcccc} & 8 & \boxed{A} & 3 & 5 \\ - & 5 & 4 & 4 & 6 \\ \hline & 2 & 6 & 8 & 9 \\ \hline \end{array}$$

A =

32. Felicia has 56 stamps. Viknesh has five times as many stamps as Felicia. How many stamps do they have altogether?

33. Lydia has 190 thumbtacks. She needs to use 4 thumbtacks to put up a notice on the board. What is the greatest number of notices she can put up?

34. Reni had $10. She bought a pen for $1.80 and a notebook for $3.80. How much money had she left?

$

35. Mr Li spent $15.80 more on lunch than Mrs Tan. Mr Li spent $56.10 on his lunch. How much did Mrs Tan spend on her lunch?

$

36. Fatimah and Susan saved a total of $98.80. Susan saved $35.10. How much more money did Fatimah save than Susan?

$

37. Andy had 1780 more bottle caps than Beng Wee. Andy gave Beng Wee 780 bottle caps. How many more bottle caps does Andy have than Beng Wee now?

38. Mr Gopal had some sweets. He packed his sweets equally into 8 bags. Each bag contained 43 sweets and he had 6 sweets left. How many sweets did Mr Gopal have at first?

39. Mrs Lim paid $70.25 for a dress and a handbag. Unfortunately, her receipt was smeared by ink. How much did Mrs Lim pay for the handbag?

Receipt	
1 dress	$50.85
1 handbag	
Total Paid	$70.25

$

40. Jimmy spent $43.15 on food. He spent $27.20 less on transport and had $1.55 left. How much did Jimmy have at first?

$

Section C: Problem Sums (5 x 4 marks = 20 marks)

Read the problem sums carefully before solving it.
Show all your workings clearly.

41. Mrs Chan baked 3400 almond cookies and 2770 chocolate cookies. She sold some of them and had 493 cookies left.

How many cookies did she sell?

Working

42. Mrs Sim made 216 necklaces.

She made 6 times as many necklaces as Mrs Law.

How many more necklaces did Mrs Sim make than Mrs Law?

Working

43. Raja has $28.50. His sister has $10.80.
They want to buy a present that costs $50 for their mother.
How much more money do Raja and his sister need if they want to buy the present for their mother with their money?

Working

44. Ahmad has 7421 stamps. Ben has 1000 more stamps more than Ahmad. Ben has 388 fewer stamps than Rohan. How many stamps does Rohan have?

Working

45. Mrs Chew made some hairbands for sale. She sold 3 hairbands on the 1st day and each day, she sold twice as many hairbands as the day before.

(a) How many hairbands did she sell on the 6th day?

Show your answer by completing the table below.

Day	1st	2nd	3rd	4th	5th	6th
Number of hairbands	3	6	12			

(b) How many more hairbands did she sell on the 6th day than on the 4th day?

Working

-END OF PAPER-

Setters:

Mrs Teo-Loh Sheau Mei
Mdm Oh Seow Wei
Ms Tan Shi Qi

Year: 2014

Level: Primary 3

School: Henry Park Primary School

Subject: Mathematics

Semester: SA1

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

Q21) Five thousand, two hundred and ninety-one

Q22) 8725

Q23) 5360

Q24) 1655

Q25) 102

Q26) 300

Q27) $42.25

Q28) $3.70

Q29) $18.20

Q30) 3713

Q31) 1

Q32) 336

Q33) 47

Q34) $4.40

Q35) $40.30

Q36) $28.60

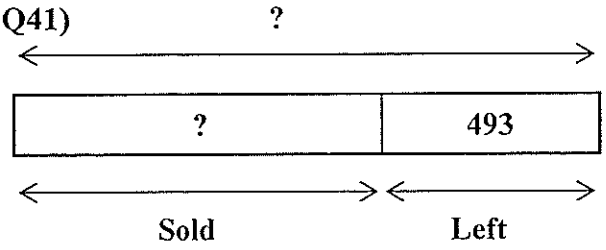
Q37)220

Q38) 350

Q39) $19.40

Q40) $60.65

Q41)

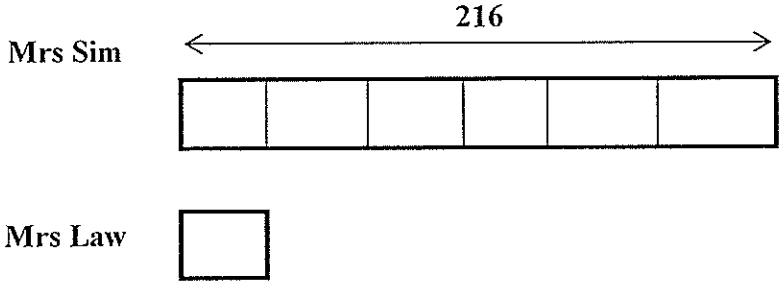


Cookies→3400 + 2770 = 6170

Sold→ 6170-493=5677

Mrs Chan sold 5677 cookies.

Q42)



Mrs Law→216÷6=36

216-36=180

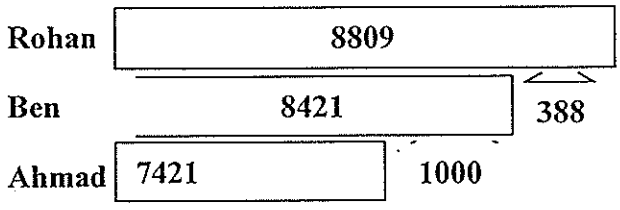
Mrs Sim made 180 more necklace than Mrs Law.

Q43) $28.50+$10.80=$39.30

$50.00-$39.30=$10.70

Raja and his sister need $10.70 more if they want to buy the present for their mother with their money.

Q44)



Ben→ 7421+1000=8421

Rohan→ 8421+388=8809

Rohan has 8809 stamps.

Q45) a)

Day	1st	2nd	3rd	4th	5th	6th
Number of hairbands	3	6	12	24	48	96

b) 96-24=72

She sold 72 more hairbands on the 6th day than on the 4th day.

NAN HUA PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 1 – 2014

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
Total		/ 80

Name : _____ ( )

Class : Pr 3 _____

Date : 12 May 2014 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 which of the following does the digit '8' have the **greatest** value ?

   (1) 3 815
   (2) 8 153
   (3) 5 381
   (4) 1 538 ( )

2. The value of 5 603 is the same as _____.

   (1) 500 + 60 + 3
   (2) 500 + 600 + 3
   (3) 5000 + 60 + 3
   (4) 5000 + 600 + 3 ( )

3. What is the **sum** of 4 thousands, 5 tens and 12 ones ?

   (1) 4 017
   (2) 4 062
   (3) 4 170
   (4) 4 512 ( )

4. Which of the following set of numbers is arranged from the largest to the smallest value ?

   (1) 9 102, 9 012, 9 120
   (2) 9 120, 9 102, 9 012
   (3) 9 120, 9 012, 9 102
   (4) 9 012, 9 102, 9 120 ( )

5. 85 tens more than 8 650 is _____.

(1) 7 800
(2) 8 565
(3) 8 735
(4) 9 500 ( )

6. 3 006 is _____ more than 1 274.

(1) 1 732
(2) 1 832
(3) 2 272
(4) 4 280 ( )

7. If 8 x 9 = ☐ x 9 + 9 + 9 what is the missing number in the box ?

(1) 5
(2) 6
(3) 45
(4) 54 ( )

8. Yoona had 720 pies at her bakery shop.
After selling some pies, she had 250 pies left.
How many pies did she sell ?

(1) 470
(2) 530
(3) 570
(4) 970 ( )

9. When a number is divided by 8, it gives a quotient of 24 and a remainder of 7. What is the number ?

(1) 176
(2) 179
(3) 185
(4) 199 ( )

10. What is the **product** of 66 and 3 ?

(1) 22
(2) 63
(3) 69
(4) 198 ( )

11. What is the sum of all the **odd** numbers between 10 and 20 ?

(1) 15
(2) 30
(3) 60
(4) 75 ( )

12. The difference between 2 numbers is 145.
If the smaller number is 65, what is the sum of the two numbers ?

(1) 80
(2) 210
(3) 275
(4) 355 ( )

13. 3×7 is the same as _____.

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

14. Reyes and Alicia share $ 24 such that Reyes has $ 4 more than Alicia. What is Alicia's share ?

(1) $ 10
(2) $ 12
(3) $ 14
(4) $ 16 ( )

15. Mr Chia wants to pack 49 erasers into some boxes. One such box can only contain 6 erasers. What is the least number of such boxes he needs to contain all the erasers ?

(1) 1
(2) 5
(3) 8
(4) 9 ( )

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 answer in the box provided. Give your answer in the unit stated.

---

16. Write 1 569 in **words.**

Ans: _____

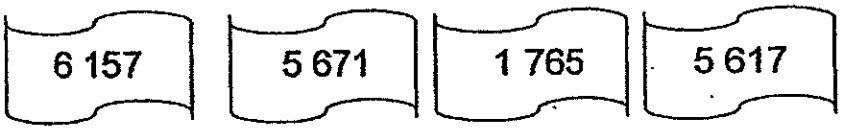
17. What is the missing number in the following number pattern ?

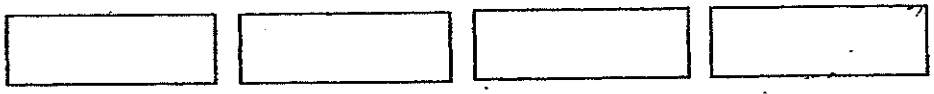
Ans: _____

18. In 3 076, the digit '7' stands for _____.

Ans: _____

19. Arrange these numbers in order. Begin with the smallest number.





Smallest

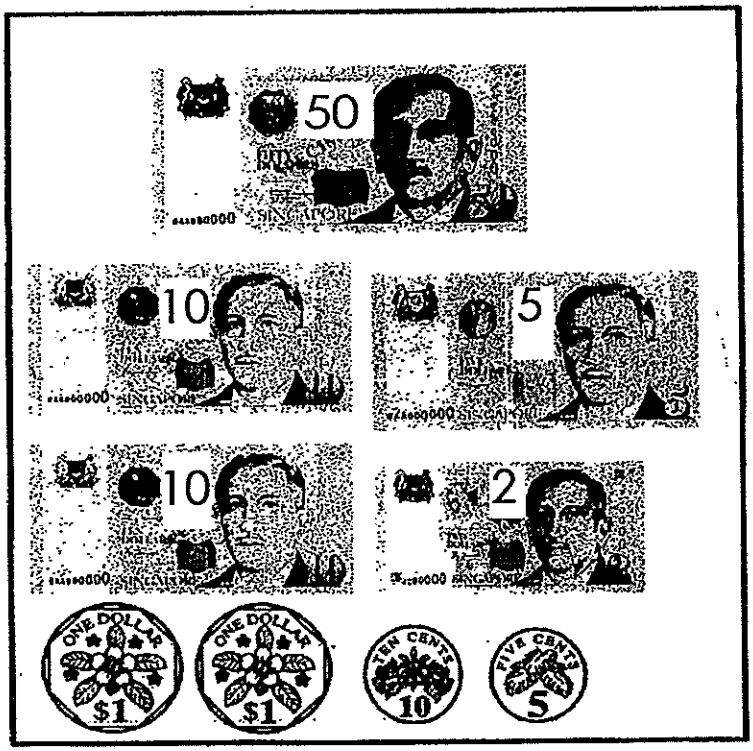
20. What number must be added to 560 to make 865 ?

21. 947 cents = $ _____

$

22. What is the **quotient** when 229 is divided by 9 ?

23.



What is the total amount of money shown above ?

$

24. $ 2 = 100 cents + _____ twenty-cents coins

twenty-cent coins

25.

$$\begin{array}{r} 8\ 9\ 2\ 6 \\ -\ 3\ \boxed{?}\ 4\ 7 \\ \hline 5\ 2\ 7\ 9 \end{array}$$

What is the missing number in the box ?

26. Read the following clues to find the number.

(a) The number is an even number.

(b) The value of digit '4' is 40.

(c) The digit '6' is in the thousands place.

(d) The digit in the thousands place is twice the digit in the hundreds place.

(e) The digits in the ones place is 5 more than the digit in the hundreds place.

What number am I ?

27. A watch costs thrice as much as a blouse. The watch costs $ 60.

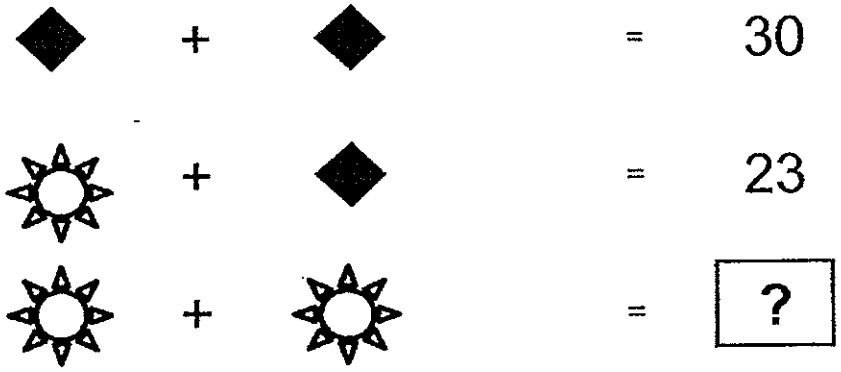
How much do 2 such blouses cost ?

$

28. Susan had 7 more seashells than Jack. After Susan gave Jack 2 seashells, Jack then had 8 seashells. How many seashells did Susan have **at first** ?

seashells

29.

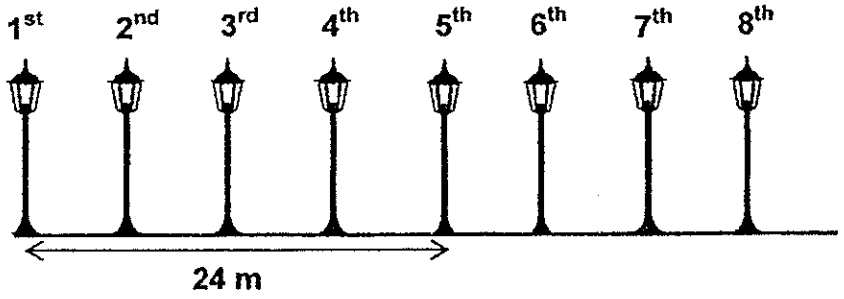


What is the missing number in the box ?

30. James has 5 coins in his piggy bank. The coins in his piggy bank are made up of fifty-cent and one-dollar coins. If he has a total savings of $4 in his piggy bank, how many one-dollar coins are there ?

one-dollar coins

31. Some lamp posts were placed an equal distance from one another along a street. The distance between the 1st and 5th lamp posts was 24 m.
How far apart was the 3rd and 8th lamp posts ?



m

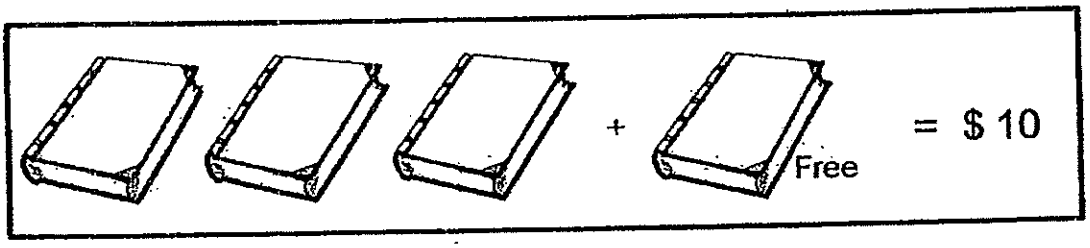
32. There are 6 boxes of sweets. In each box, there are 33 sweets.
Mandy wants to repack the sweets into packets of 5.
How many **complete** packets of 5 are there altogether ?

packets

33. There were 660 people at Singa School Charity Fair. 125 of them were men, 330 of them were women and the rest were children. How many children were there ?

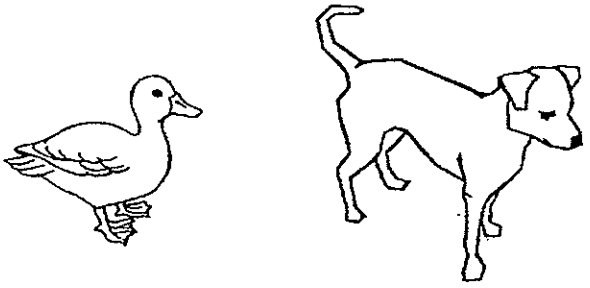
children

34. John went to the bookshop to buy some books. For every 3 books bought, he got 1 book free. If John received a total of 28 books, how much did he pay ?



$

35. Samuel bought a total of 30 ducks and dogs. There were a total of 84 legs. How many ducks and how many dogs did he buy ?



	ducks	and		dogs

Section C: (5 x 4 marks)

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

36. There were 1 240 balloons at a party.
920 balloons were red and the rest were yellow.
How many more red balloons than yellow balloons were there?

37. During the September holidays, 4 860 people visited the Healthy Lifestyle Exhibition. 2 280 of them were adults and the rest were children. If 1210 of them were boys, how many girls were there ?

38. Benson spent $74 while Jayden spent $120. The amount of money Benson had left was three times as much as the amount of money Jayden had left. If both of them had a combined total of $590 at first, how much money did Jayden have left ?

39. Joy bought thrice as much coffee powder as Bala. Farah bought twice as much coffee powder as Bala. The 3 children bought 828 g of coffee powder. How much coffee powder did Joy ?

40. Adriel bought 5 packets of jellybeans. There were 12 jellybeans in each packet. He shared the jellybeans equally with 5 of his friends.

(a) How many jellybeans did he buy altogether ?

(b) How many jellybeans did each of them get ?

End-of-paper

Year: 2014

Level: Primary 3

School: Nan Hua Primary School

Subject: Mathematics

Semester: SA1

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

Q16) One thousand, five hundred and sixty-nine

Q17) 17

Q18) 70

Q19) 1765, 5617, 5671, 6157

Q20) 305

Q21) $9.47

Q22) 25

Q23) $79.15

Q24) 5

Q25) 6

Q26) 6348

Q27) $40

Q28) 13

Q29) 16

Q30) 3

Q31) 30

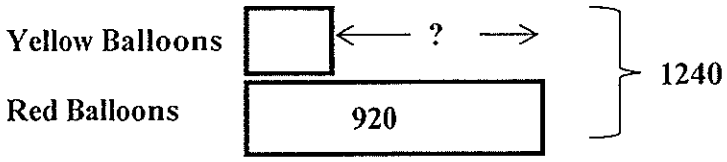
Q32) 39

Q33) 205

Q34) $70

Q35) 18 ducks, 12 dogs

Q36)

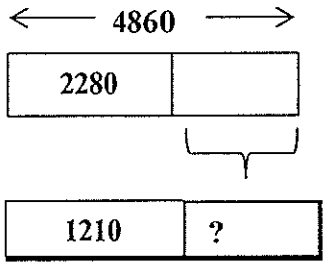


Yellow balloons→1240-920=320

Difference→920-320=600

There were 600 more red balloons than yellow balloons.

Q37)

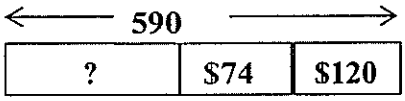


Children→4860-2280=2580

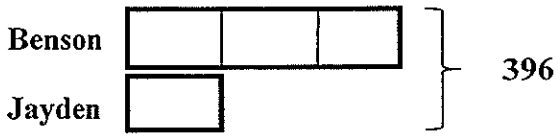
Girls→2580-1210=1370

There were 1370 girls.

Q38) Total amt. of money:



Money left:



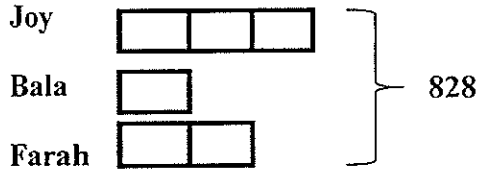
Total amount of money left→$590-$120=$470

$470-$74=$398

Amount Jayden had left→ $398÷4=$99

Jayden left $99.

Q39)



Amount of coffee powder Bala bought→828÷6=138

Amount of coffee powder Joy bought→138×3=414

Joy bought 414 g of coffee powder.

Q40) a) Amount of jellybeans bought →12×5=60

There are 60 jellybeans altogether.

b) 60÷6=10

Each of them got 10 jellybeans.

NANYANG PRIMARY SCHOOL

FIRST SEMESTRAL EXAMINATION 2014

PRIMARY 3

MATHEMATICS

DURATION: 1 HOUR 45 MINUTES

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

Total:	**/ 100**

Name: _____ ( )

Class: Primary 3 (

Date: 9 May 2014

Parent's Signature:_____

Any query on marks awarded should be raised by 20 May 2014. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.

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. Study the number pattern below carefully.
What is the missing number?

8645, 8605, _____, 8525, 8485

(1) 8545
(3) 8585

2. 7053 is the same as _____

(1) 700 + 50 + 3
(2) 700 + 500 + 3
(3) 7000 + 500 + 3
(4) 7000 + 50 + 3

3. Which one of the following numbers is greater than 9609?

(1) 9601
(2) 9069
(3) 9099
(4) 9690

4. What is the sum of 23 and 4521?

(1) 4498
(2) 4544
(3) 4751
(4) 6821

5. What is the difference between 8071 and 1060?

(1) 7011
(2) 7110
(3) 9031
(4) 9131

6. Study the number pattern below carefully.

28, 35, ☐, 49

What is the missing number in the box?

(1) 7 (2) 36
(3) 38 (4) 42

7. Mrs Lim earns $211 a day.
How much money will she earn in 8 days?

(1) $219 (2) $1477
(3) $1688 (4) $1888

8. Jason has 36 blue marbles.
He has 9 times as many green marbles as blue marbles.
How many marbles does he have altogether?

(1) 274 (2) 306
(3) 324 (4) 360

9. The value of $19.85 is the same as _____.

(1) 19850¢ (2) 1985¢
(3) 198.50¢ (4) 19.85¢

10. What is the missing number in the box?

☐ − 6748 = 1935

(1) 4813 (2) 5213
(3) 7673 (4) 8683

11. A factory had 3708 blue buttons and 2171 green buttons.
How many buttons did the factory have?

(1) 1537 (2) 1637
(3) 2549 (4) 5879 ( )

12. Rahim lost some stickers.
After his brother gave him 265 stickers, Rahim had 78 more stickers than before he lost the stickers.
How many stickers had he lost?

(1) 187 (2) 213
(3) 233 (4) 343 ( )

13. Roslee baked 362 cookies a day.
He baked the same number of cookies everyday.
How many cookies did he bake in a week?

(1) 2124 (2) 2434
(3) 2524 (4) 2534 ( )

14. Jenny had 336 ribbons.
She put them equally into 8 boxes.
How many ribbons were there in each box?

(1) 28 (2) 32
(3) 41 (4) 42 ( )

15. Sharon bought a dress for $45.40.
She gave the cashier a $100 note.
How much change did Sharon receive?

(1) $45.60 (2) $54.60
(3) $55.40 (4) $55.60 ( )

16. Xiao Guan used six $5-notes to pay for a story book.
He received a change of $8.55.
How much did the story book cost?

(1) $1.45 (2) $11.45
(3) $18.55 (4) $21.45 ( )

17. School X had 1438 fewer pupils than School Y.
After 374 pupils joined School Y, it had three times as many pupils as School X.
How many pupils were there in School X?

(1) 453 (2) 532
(3) 604 (4) 906 ( )

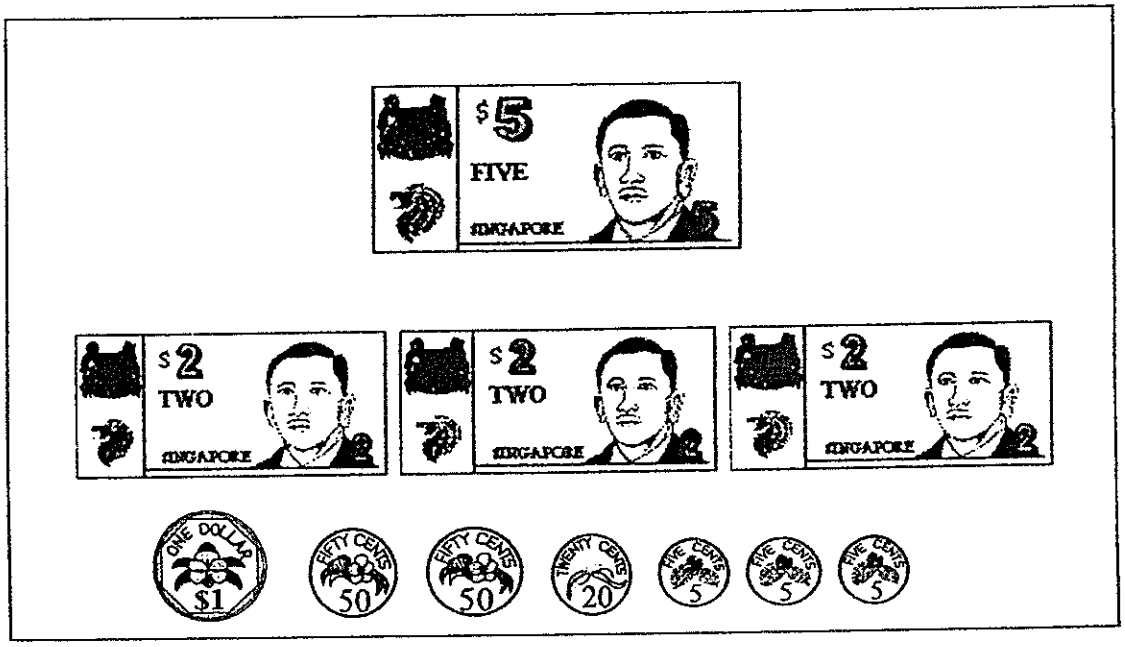
18. Mr Johan sold oranges, pears and apples in his fruit stall.
There were 480 more oranges than pears.
The number of pears was 560 fewer than the apples.
He threw away 230 apples rotten and kept the rest of the fruits.
How many more oranges than apples were there in the end?

(1) 150 (2) 330
(3) 810 (4) 1270 ( )

19. Chong Min wanted to buy some books.
Each book cost $18.
He needed $40 more to buy 6 such books.
How much money did he have?

(1) $64
(2) $68
(3) $108
(4) $148
( )

20. Ali wanted to buy a birthday cake for his mother.
The cake cost $28.70.
He opened his wallet and realised that he did not have enough money.
The figure below shows the amount of money in Ali's wallet.



How much more money would Ali need to buy the cake?

(1) $13.35
(2) $15.35
(3) $28.70
(4) $42.05
( )

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. For questions which require units, give your answers in the units stated.

(Total: 40 marks)

21. Write seven thousands, thirteen tens and five ones in numeral.

Answer : _____

22. Arrange the following numbers below in **ascending** order.

6824 , 6842 , 6428 , 4826

_____ , _____ , _____ , _____

23. What is 5318 more than 51 tens?

Answer : _____

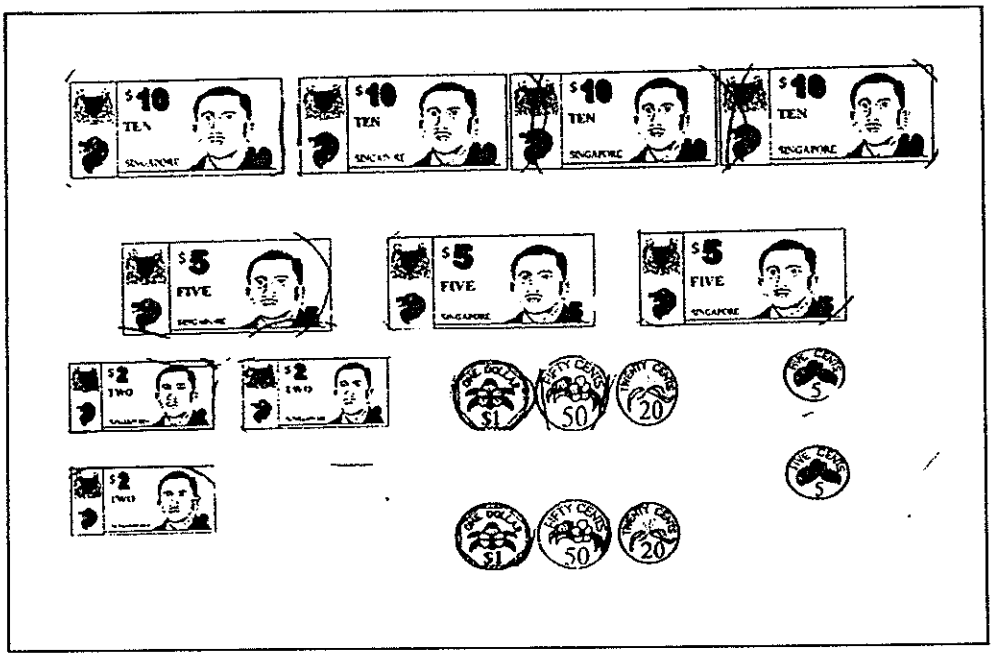
24. 6 children form a team to take part in a competition.
How many children are there in 102 such teams?

Answer : _____

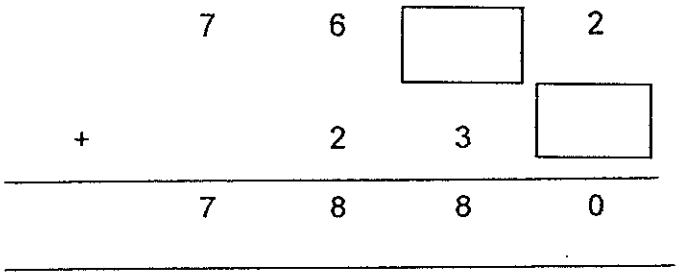
25. A pair of soccer boots cost $125.
How much did Mr Tan pay for 9 such pairs of soccer boots?

Answer: $ _____

26. Tony paid $63.75 for a toy train.
Circle in the figure below the amount of money he had paid.



27. Fill in the missing digits in the boxes below.



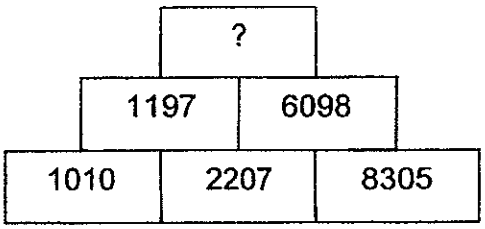
28. Hall A had 1368 chairs.
It had 703 fewer chairs than Hall B.
What was the total number of chairs in both halls?

Answer : _____

29. Liying and Sufia had an equal number of stamps.
Liying bought another 300 stamps and Sufia gave away 252 stamps.
After that, Liying had five times as many stamps as Sufia.
How many stamps did Sufia have in the end?

Answer : _____

30. Study the pattern below carefully.
What is the missing number in the box?



Answer : _____

31. There were 107 girls and 31 boys in the choir.
The teacher arranged 6 children to form a group.
How many groups were formed?

Answer : _____

32. There are 340 guests attending Mrs Choo's party.
Each table can sit 7 people.
What is the least number of tables needed for all the guests?

Answer : _____

33. Mr Bala is 27 years older than his son.
His age is four times the age of his son.
What is their total age?

Answer : _____

34. Gerald has $124.
Matthew has $56.65 less than William but $80.75 more than Gerald.
How much does William have?

Answer : $ _____

35. There were 8700 people watching a concert.
There were 3689 children and the rest were adults.
How many more adults than children were there?

Answer : _____

36. Mrs Kumar had a bag of 381 sweets.
She gave 9 sweets to each child and was left with 3 sweets.
How many children were there in her class?

Answer : _____

37. I am thinking of a number between 20 and 50.
When I divide it by 4, it has a remainder of 3.
The sum of the digits in the number is 12.
What is the number?

Answer : _____

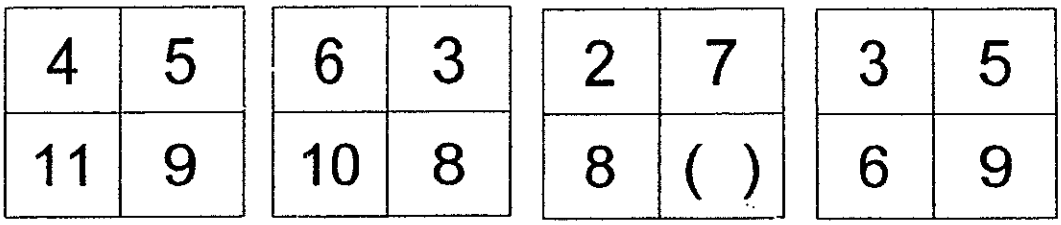
38. Mrs Chong and Mrs Wong spent a total of $678 during a trip to Malaysia.
Mrs Chong spent five times as much as Mrs Wong.
How much more did Mrs Chong spend than Mrs Wong?

Answer : $ _____

39. At a carnival, Mr Samy gave out 3 small toys for every 8 balls thrown into the hole.
John received 18 small toys.
How many balls did John throw into the hole?

Answer : _____

40. The numbers in the squares are related in a similar way.
Find the missing number in the bracket.



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.

(Total: 20 marks)

41. A company has 3568 people.
1529 people are married.
1420 women are not married.
How many men are not married?

42. Oscar bought a dining table and 7 similar chairs for $1215.
The table cost twice as much as a chair.
Find the cost of the table.

43. Angeline sold 500 cheese cakes on Monday.
She sold 134 fewer cheese cakes on Tuesday.
She sold thrice as many cheese cakes on Tuesday than on Wednesday.
Each cheese cake was sold for $8.
How much money did she collect from selling the cheese cakes on Wednesday?

44. Wei Li has 58 $2 notes and $5 notes altogether.
The total value of all the money is $164.
How many $5 notes does Wei Li have?

45. Lisa has a sum of money at first.
After Ella gives her $294, Lisa has $960.
Ella now has $200 less than Lisa after giving her the money.
How much money does Ella have at first?

☺ ***End of Paper*** ☺
Please Check Carefully

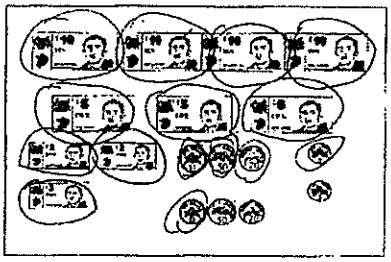
EXAM PAPER 2014
LEVEL : PRIMARY 3
SCHOOL : NANYANG
SUBJECT : MATHS
TERM : SA1

Section A

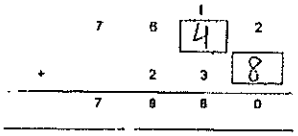
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	4	4	2	1	4	3	4	2	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	1	4	4	2	4	4	1	2	2

Section B

Q21 7135
Q22 4826, 6428, 6824, 6842
Q23 5828
Q24 612
Q25 $1125
Q26



Q27



Q28 3439
Q29 138
Q30 4901
Q31 23
Q32 49
Q33 45
Q34 $261.40
Q35 1322
Q36 42
Q37 39
Q38 $452
Q39 48
Q40 6

Section C

Q41 3568 – 1529 = 2039
2039 – 1420 = **619**

Q42 $1215 ÷ 9 = $135
$135 X 2 = **$270**

Q43 500 – 139 = 366
366 ÷ 3 = 122
122 X $8 = **$976**

Q44 Assume all are $2 notes
58 x $2 = $116
$164 - $116 = $48
$5 -$2 = $3
$48 ÷ 3 = **16** ($5 notes)

Q45 $960 - $200 = $760
$760 + $294 = **$1054**

Pei Chun Public School
Semestral Assessment 1 - 2014
Mathematics
Primary 3

Name: _____( )

Class : Primary 3 ___

Date : 14 May 2014

Time : 1 h 15 min

Maths Teacher : _____

Parent's Signature: _____

Section A	10
Section B	28
Section C	22
TOTAL	60

AA1	10

Section A

Questions **1** to **5** carry 2 marks each. For each question, choose the correct answer and write its number in the brackets provided. (10 marks)

---

1. In 6349, the value of the digit 6 is _____.

(1) 6 (2) 60

(3) 600 (4) 6000 ( )

2. The product of 8 and 7 is _____.

(1) 15 (2) 54

(3) 56 (4) 87 ( )

3. $918 \div 9$ is _____.

(1) 909 (2) 927

(3) 102 (4) 12 ( )

4. What is the sum of 1879 and 2138?

(1) 4017 (2) 3907

(3) 1641 (4) 259 ( )

5. John ate $\frac{1}{7}$ of a pizza and Alice ate $\frac{2}{7}$ of the pizza.
What fraction of the whole pizza was left?

(1) $\frac{3}{7}$ (2) $\frac{4}{7}$

(3) $\frac{3}{14}$ (4) $\frac{11}{14}$ ( )

Do not write in this space

Section B

Questions **6** to **15** 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)

6. What is the missing number in the pattern?

7236, 7436, ?, 7836, 8036

Answer: _____

7. Write 5607 in words.

_____

_____

8. Arrange these numbers in order. Begin with the greatest.

3649, 3728, 5980, 5948

_____, _____, _____, _____
(Greatest)

9. $2.60 + $1.30 = $?

Answer: $_____

SCORE

Do not write in this space

10. $6.05 = [?] ¢

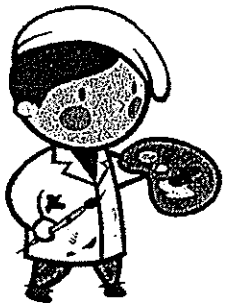
Answer: _____¢

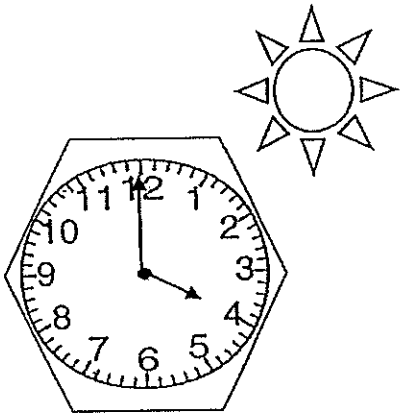
11. Which fraction is the smallest?

$\frac{4}{9}$, $\frac{7}{9}$, $\frac{2}{9}$

Answer: _____

12. Fill in the blank with "a.m." or "p.m."





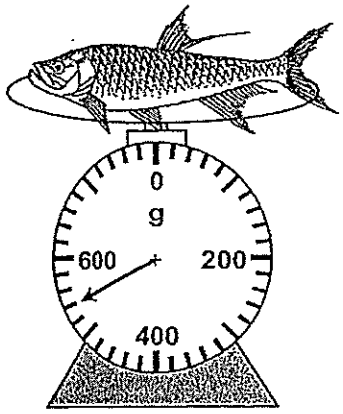
Ali went for his Art lesson at 4 _____.

Answer: _____

SCORE

Do not write in this space

13. The picture below shows the mass of a fish on the weighing scale. What is the mass of the fish?



Answer: _____ g

---

14. What is the quotient of 563 ÷ 6?

Answer: _____

---

15. Use all the digits 0, 7, 3 and 8 to form the **smallest** 4-digit **odd** number. Each digit can only be used once. Do not begin with "0".

Answer: _____

SCORE

Do not write in this space

Questions **16** to **24** 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. (18 marks)

16. Do these sums.

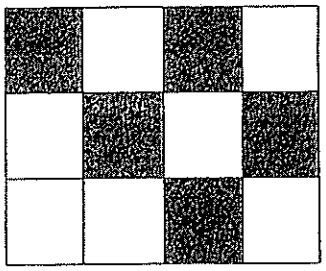
(a)

$$\begin{array}{r} 316 \\ \times \quad 7 \\ \hline \\ \hline \end{array}$$

(b)

$$\begin{array}{r} 2\not{0}\not{8} \\ -\,149 \\ \hline \\ \hline \end{array}$$

17. What fraction of the figure is shaded?



Answer: _____

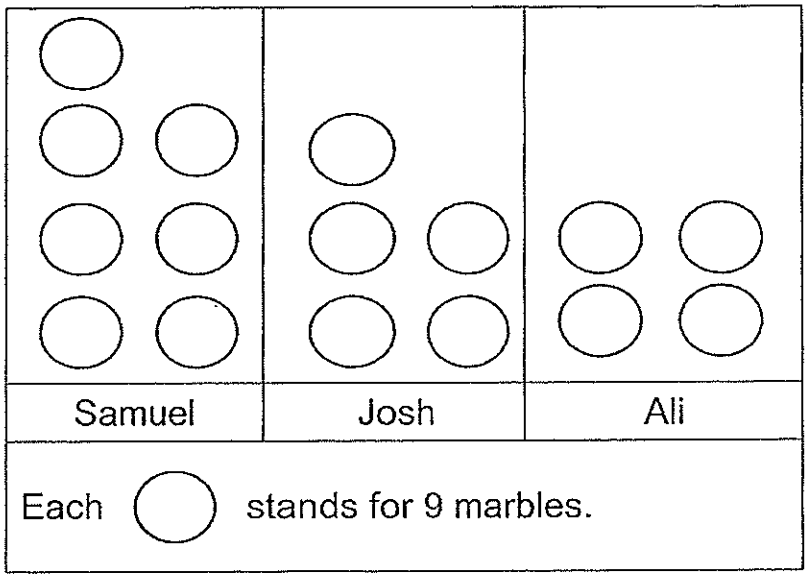
18. Susan had $100. She bought 4 boxes of colour pencils which cost $12 each. How much money had Susan left?

Answer: $_____

SCORE

Do not write in this space

19. The picture graph below shows the number of marbles collected by 3 children.



How many marbles did the 3 children collect altogether?

Answer: _____

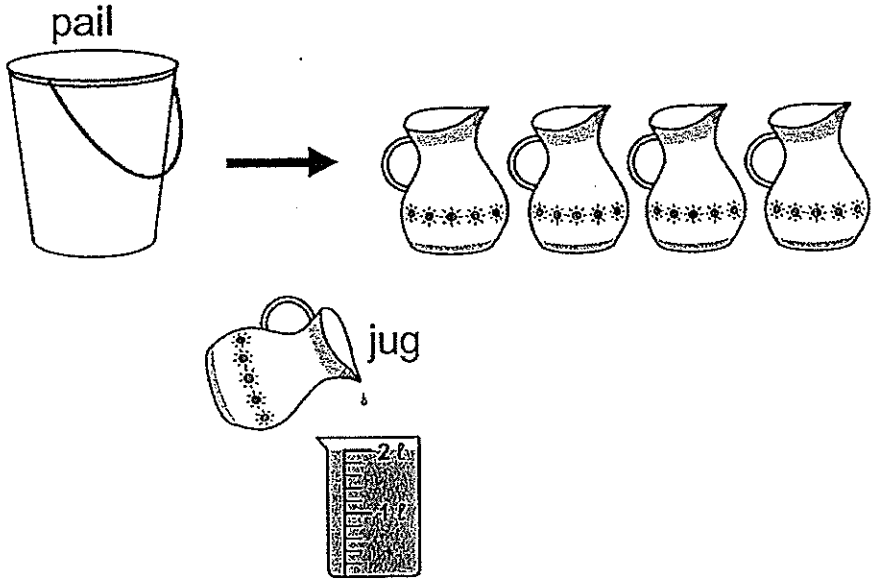
20. James has 28 stickers. He has 4 times as many stickers as Liz. How many **more** stickers does he have than Liz?

Answer: _____

SCORE

Do not write in this space

21. Study the diagrams below.



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

Answer:_____ litres

22. Bee Choo saved $531 in 3 months. If she saved the same amount of money every month, how much will she save in 8 months?

Answer: $_____

SCORE

Do not write in this space

23. Ai Min spent $42.85 at a supermarket. She gave the cashier 5 pieces of $10 note. How much change did she receive?

Answer: $_____

24. Kumar writes a number on a card. He adds 75 to the number. Then he multiplies the answer by 4. The final answer is 720. What number did Kumar write on the card?

Answer:_____

SCORE

Section C

Do not write in this space

For questions **25** to **30,** 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)

---

25. On Saturday, 2141 people visited the zoo. On Sunday, 1336 people visited the zoo.

    (a) How many people visited the zoo on both days?

    (b) How many **more** people visited the zoo on Saturday than on Sunday?

Answer : (a) _____ [1]

(b) _____ [2]

SCORE

Do not write in this space

26. There were 38 pupils in the class. After Mrs Chan had given 3 sweets to each pupil, she had 20 sweets left.

(a) How many sweets did Mrs Chan have at first?

(b) If Mrs Chan wants to give 5 sweets instead of 3 sweets to each pupil with no sweets left over, how many **more** sweets will she need?

Answer : (a)_____ [2]

(b)_____ [2]

SCORE

27. Bala had 63 chocolate bars. He gave 4 chocolate bars to each of his 6 cousins. He then packed the remaining chocolate bars equally into 3 bags.

(a) How many remaining chocolate bars did Bala have?

(b) How many chocolate bars were there in each bag?

Do not write in this space

Answer : (a)_____[2]

(b)_____[2]

SCORE

Do not write in this space

28. At first, Fatimah had $128 more than Nancy. Nancy spent $175 on an oven and had $63 left. Fatimah bought a rice cooker and had $80 left.

(a) How much money did Fatimah have at first?

(b) How much did Fatimah pay for the rice cooker?

Answer : (a) _____ [2]

(b) _____ [2]

SCORE

29. Dennis bought a total of 83 pens and pencils. Altogether, he spent $226. Each pen cost $5 and each pencil cost $2. How many pens did he buy?

Do not write in this space

Answer : _____ [3]

SCORE

30. The total cost of 2 sweaters and 1 blouse is $143. A sweater costs $17 less than a blouse.

(a) What is the cost of a sweater?

(b) What is the cost of a blouse?

Do not write in this space

Answer : (a)_____[2]

(b)_____[2]

End of Paper

Set by : Ms Adeline Toh and Mdm Ong Ai Tee

SCORE

Pei Chun Public School
Mathematics SA1 2014

Section A

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

Section B

6) 7636
7) five thousand, six hundred and seven
8) 5980, 5948, 3728, 3649
9) $3.90
10) 605□
11) 2/9
12) p.m.
13) 540g
14) 93
15) 3087
16) (a) 2212
    (b) 119
17) 5/12
18) $52
19) 144 marbles
20) 21 stickers
21) 8 litres
22) $1416
23) 7.15
24) 105

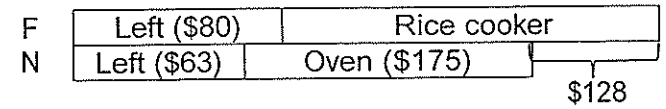
Section C

25) (a) 2141 + 1336 = 3477
    (b) 2141 – 1336 = 805

26) (a) 38 x 3 = 114
        114 + 20 = 134 sweets
    (b) 38 x 5 = 190
        190 – 134 = 56 sweets

27) (a) 4 x 6 = 24
        63 – 34 = 39 chocolate bars
    (b) 39 ÷ 3 = 13 chocolate bars

28)



(a) $63 + $75 = $238
    $238 + $128 = $366
(b) $366 - $80 = $286

29)

Pens	Pencils	Cost of pens	Cost of pencils	Amount spent
20	83 – 20 = 63	20 x $5 = $100	63 x $2 = $126	$100 + $126 = $226

Answer: 20

30)

(a) $143 - $17 = $126

$126 ÷ 3 = $42

(b) $42 + $17 = $59

RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 1
2014

Your Score Out of 100 marks	
Parent's Signature	

Name : _____ ( ) Class: P3 ( )

8 MAY 2014 MATHEMATICS Duration: 1 h 45 min

SECTION A (40 marks)

Question 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 your answer (1, 2, 3 or 4) on the OAS provided.

1. In 2718, what does the digit 7 stand for?

   (1) 7

   (2) 70

   (3) 700

   (4) 7000

2. Write six thousand, three hundred and four in numerals.

   (1) 6034

   (2) 6304

   (3) 6340

   (4) 6403

3. Find the sum of 1098 and 5322.

   (1) 6320

   (2) 6310

   (3) 6420

   (4) 7410

4. 4156 + ☐ = 5800

(1) 1644

(2) 1756

(3) 9653

(4) 9956

5. What is the product of 737 and 9?

(1) 6633

(2) 6573

(3) 6373

(4) 5724

6. Divide 703 by 7. What is the quotient?

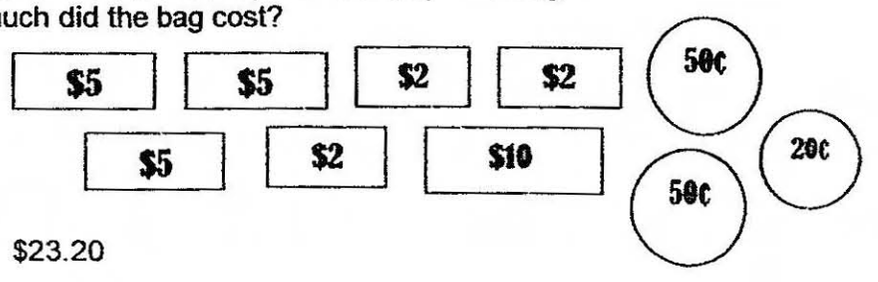
(1) 1

(2) 10

(3) 3

(4) 100

7. Benson used all the money below to pay for a bag.
How much did the bag cost?



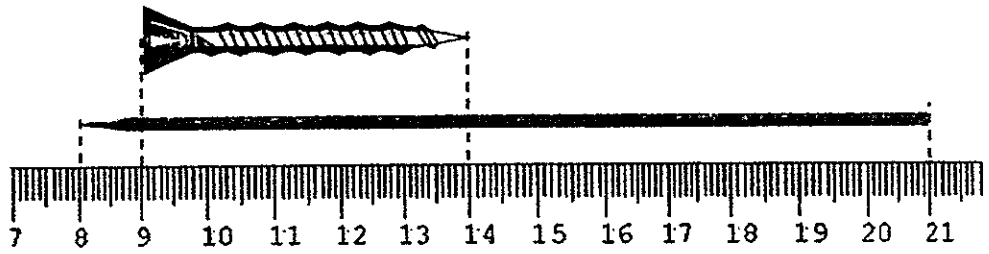
(1) $23.20

(2) $30.20

(3) $31.00

(4) $32.20

8. How much shorter is the screw than the pencil?



(1) 5 cm

(2) 8 cm

(3) 13 cm

(4) 18 cm

9. Nancy started jogging at 5.30 p.m. She stopped jogging at the time shown below. How long did she jog?

(1) 60 min

(2) 30 min

(3) 3 min

(4) 6 min

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

2750, 2950, 2850, [ ], 2950, 3150, 3050

(1) 2750

(2) 2850

(3) 2950

(4) 3050

11. Li Seng sold 2682 bottles of mineral water in January, 1599 bottles in February and 3866 bottles in March.
How many bottles of mineral water were sold altogether?

(1) 4281

(2) 6548

(3) 6937

(4) 8147

12. Book A has 8670 words. Book B has 580 words.
What is the difference in the number of words between Book A and Book B?

(1) 8090

(2) 8150

(3) 8250

(4) 9250

13 $4+4+4+4+4+4 = \square \div 3$

(1) 12

(2) 24

(3) 27

(4) 72

14. A machine takes 3 minutes to print 60 pages. At this rate, how many pages can it print in 24 minutes?

(1) 480

(2) 180

(3) 72

(4) 20

15. Sarah has $115. May has $47.50 more than Sarah.
How much do they have altogether?

(1) $67.50

(2) $162.50

(3) $182.50

(4) $277.50

16. 5 buns cost $2.50. Bala bought 15 buns.
He gave the cashier $50.
How much change did he receive?

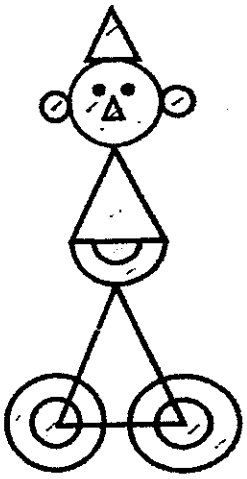
(1) $22.50

(2) $37.50

(3) $42.50

(4) $47.50

17. The figure below is formed using different shapes.
Which option shows the correct number of shapes needed to form the figure?



(1) 4 circles, 2 triangles and 1 semi-circle.

(2) 6 circles , 4 triangles and 1 semi-circle

(3) 9 circles, 4 triangles and 2 semi-circles

(4) 10 circles, 2 triangles and 2 semi-circles

18. Subtract 20 tens 9 ones from 20 hundreds 8 ones.

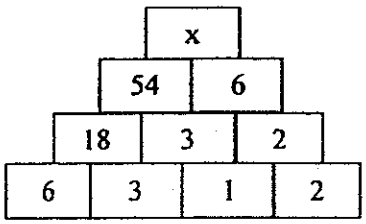
(1) 1

(2) 57

(3) 1799

(4) 2217

19. Look at the diagram below. Find the value of x.



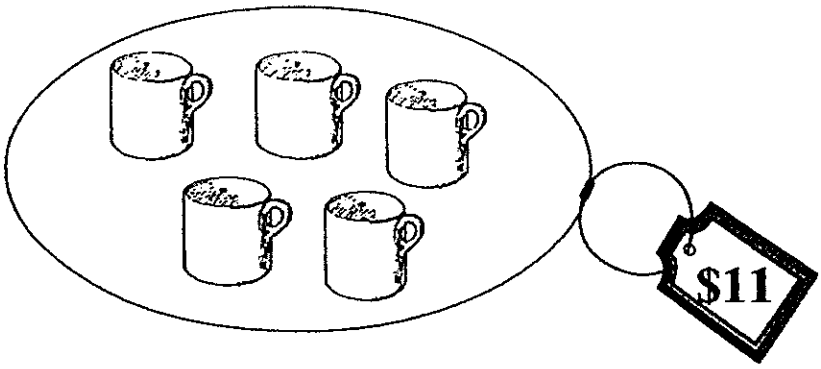
(1) 14

(2) 35

(3) 304

(4) 324

20. Sally bought 1 kettle and 5 cups. The kettle cost 6 times as much as 5 cups. How much change would she receive if she paid the cashier with a hundred-dollar note?



(1) $23.00

(2) $33.00

(3) $70.00

(4) $77.00

SECTION B (40 marks)

Question 21 to 40 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. Marks will be awarded for relevant working.

---

21. Write 9012 in words.

_____

_____

22. 7214 - 5908 = _____

Ans: _____

23. 789 is _____ less than 987.

Ans: _____

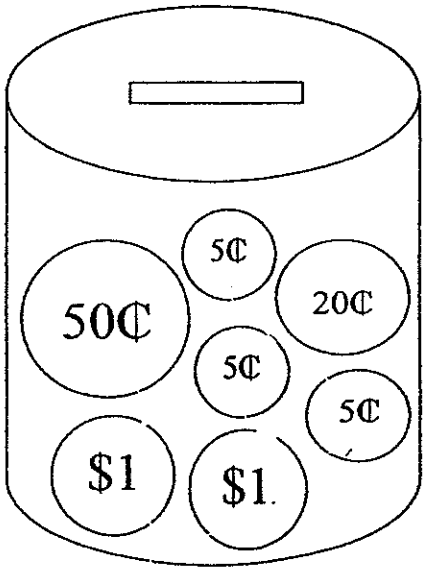
24. Multiply 980 by 3.

Ans: _____

25. $856 \div 8 =$ _____

Ans: _____

26. How much money is in the piggybank below?



Ans: $_____

27. A rope is 105 metres long. It is 50 metres longer than a wire.
How long is the wire?

Ans: _____ m

28. Use the digits below to form the greatest 4-digit even number.

Ans: _____

29. Arrange the following numbers in **descending** order.

7304, 7430, 7403, 7340

Ans: _____ , _____, _____, _____.

30. A pair of shoes costs 5 times as much as a blouse.
If the blouse costs $12, what is the cost of the pair of shoes?

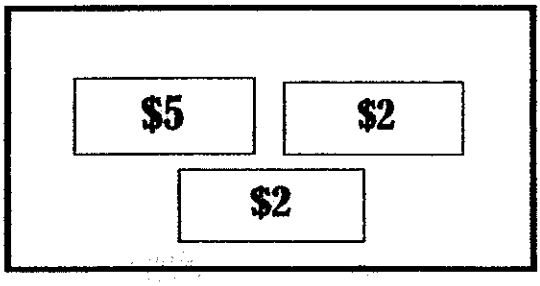
Ans: $_____

31. Divide each number by 8.
Which number will give you an odd number as the answer?

624	472	768

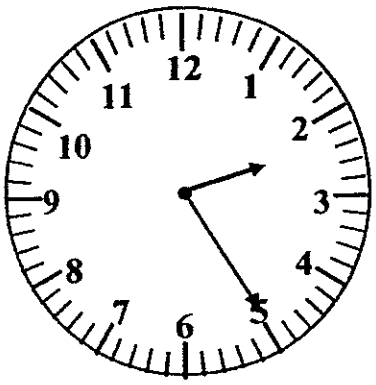
Ans: _____

32. How many twenty-cent coins make up the sum of money you see in the box below?



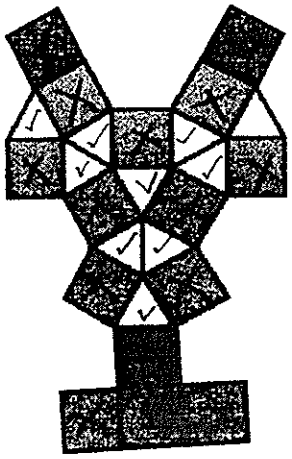
Ans: _____

33. One afternoon, Siti took half an hour to reach the library.
She reached the library at the time shown below.
When did she leave her home?



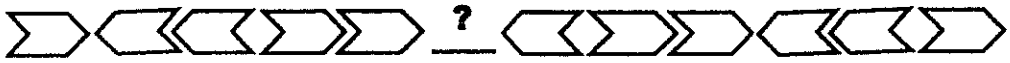
Ans: _____

34. Look at the figure below. How many **more** squares than triangles are there?



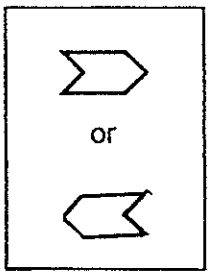
Ans: _____

35. Study the pattern given below.



Circle the correct shape to complete the pattern above.

Ans:



36. Find the missing number in the following number pattern.

3, 5, 8, 13, ?, 34, 55, 89, 144

Ans: _____

37. Jenny read from Page 64 to Page 79 of a book.
How many pages did she read?

Ans: _____

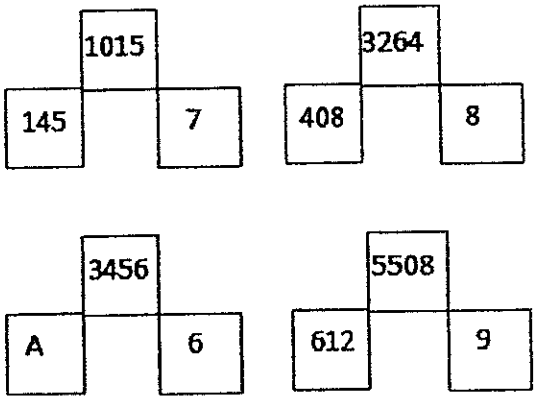
38. The sum of two numbers is 528. The bigger number is three times as big as the smaller number. What is the bigger number?

Ans: _____

39. Alicia has 4 times as many stickers as Ben.
After Ben bought 20 more stickers, Alicia has twice as many stickers as Ben.
How many stickers do they have altogether at the end?

Ans: _____

40. Study the following number pattern. What is the value of A?



Ans: _____

SECTION C (20 marks)

For question 41 to 46, show your working clearly in the space provided below each question and write your answer with suitable units in the spaces provided. All diagrams are not drawn to scale. Marks will be awarded for relevant working. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

---

41. A table and a chair cost $207. A table costs $99 more than a chair. What is the cost of a table?

Ans: _____ [3]

42. Red pens are sold at 2 for $5 and blue pens are sold at 3 for $6. How much does it cost to buy 6 red pens and 6 blue pens?

Ans: _____ [3]

43. There are 5400 marbles in the box. 2500 marbles are red and the rest are blue and green. There are 700 fewer blue marbles than red marbles. How many green marbles are there?

Ans: _____ [3]

44. The charges for renting bicycles and rollerblades from ABC shop for every hour are stated in the table below. How much does it cost to rent a bicycle and a pair of rollerblades for 3 hours?

	Bicycle	Rollerblades
Per hour	$5	$7

Ans: _____ [3]

45. The table below shows Betty's savings. On Day 1, Betty saved $2. On Day 2, she saved $4. Every day, she saved $2 more than the previous day.

(a) Fill in the boxes in the table with the correct number.
(b) How much money was in her piggy bank at the end of Day 10?

Day	Saves	Total amount in piggy bank
1	$2	$2
2	$4	$6
3	$6	$12
4	$8	
5		$30
6	$12	$42

Ans: (b) _____ [4]

46. A toy car has 4 wheels and a toy tricycle has 3 wheels. Mr Lim has a total of 60 toy cars and toy tricycles in his factory. There are 213 wheels altogether.

(a) How many toy cars are there?
(b) How many toy tricycles are there?

Ans: a) _____ toy cars [2]

b) _____ toy tricycles [2]

-End of Paper-
Please check your work carefully ☺

Setters: Ms Kim Ang
Mrs Tan CP

Year: 2014

Level: Primary 3

School: Raffles Girls' Primary School

Subject: Mathematics

Semester: SA1

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

Q21) Nine thousand and twelve

Q22) 1306

Q23) 198

Q24) 2940

Q25) 107

Q26) $2.85

Q27) 55

Q28) 9612

Q29) 7430, 7403, 7340, 7304

Q30) $60

Q31) 472

Q32) 45

Q33) 1.55 pm

Q34) 5

Q35)

Q36) 21

Q37) 16

Q38) 396

Q39) 120

Q40) 576

Q41) $207-$99=$108

$108÷2=$59

$54+$99=$153

The table costs $153.

Q42) 6÷2=3

6÷3=2

$5×3=$15

$6×2=$12

$15+$12=$27

6 red pens and 6 blue pens cost $27.

Q43) 2500-700=1800 (blue)

5400-2500=2900 (blue+green)

2900-1800=1100

There are 1100 green marbles.

Q44) $5×3=$15

$7×3=$21

$21+$15=$36

It costs $36.

Q45) a)

Day	Saves	Total amount in piggy bank
1	$2	$2
2	$4	$6
3	$6	$12
4	$8	$20
5	$10	$30
6	$12	$42

b) 10×11=110

There was $110.

Q46) 60×3=180

4-3=1

213-180=33

33÷1=33 (toy car)

60-33=27 (toy tricycle)

a) There are 33 toy cars.
b) There are 27 toy tricycles.

Rosyth School

First Semestral Assessment 2014

Mathematics

Primary 3

80

Name: _____

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

Date: 12th May 2014 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 Obtained
Section A	**25**	
Section B	**35**	
Section C	**20**	
Total	**80**	

* This paper consists of 18 pages altogether.(Including this page)

This paper is not to be reproduced in part or whole without the permission of the Principal.

Section A (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). Shade the correct ovals (1, 2, 3 or 4) on the Optical Answer Sheet

---

1. In 2 578, the value of the digit 5 is _____.

   (1) 5

   (2) 50

   (3) 500

   (4) 5 000

2. Which of the following shows 5 x 6?

   (1) 5 + 5 + 5 + 5 + 5

   (2) 6 + 6 + 6 + 6 + 6

   (3) 6 x 6 x 6 x 6 x 6

   (4) 5 x 5 x 5 x 5 x 5 x 5

3. 1 km 5 m = _____ m

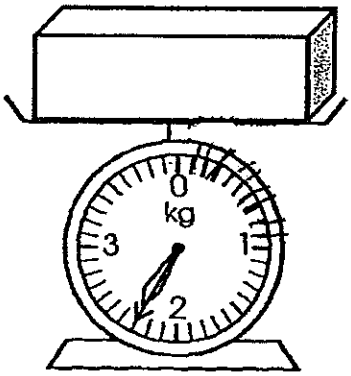
   (1) 105

   (2) 150

   (3) 1 005

   (4) 1 050

4. What is the mass of the parcel?



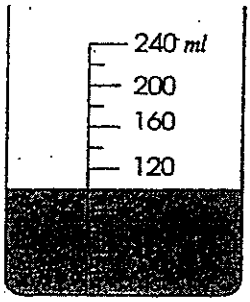
(1) 1 kg 23 g

(2) 1 kg 230 g

(3) 2 kg 230 g

(4) 2 kg 300 g

5. How much water is there in the container?



(1) 80 ml

(2) 90 ml

(3) 100 ml

(4) 240 ml

6. Mrs Koh bought a new television set.
She paid **$1 568** at the shop and paid the remaining **$3 254** when they delivered it to her home. What was the cost of the television set?

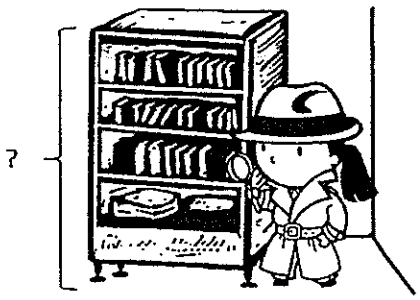
(1) $ 1 686

(2) $ 2 314

(3) $ 4 712

(4) $ 4 822

7. Which one of the following would be the most likely height of the book shelf in the library?



(1) 17 cm

(2) 170 cm

(3) 17 m

(4) 170 m

8. $\square \div 8 = 23\ R7$

(1) 161

(2) 177

(3) 184

(4) 191

9. Muthu bought **6 packets** of sweets. Each packet contains **8 sweets**
How many sweets does Muthu have altogether?

(1) 14

(2) 42

(3) 48

(4) 54

10. I am a 3-digit odd number.
The digit in my tens place is 4.
The digit in my ones place is greater than the digit in the tens place.
The digit in my hundreds place is 1 smaller than the digit in my ones place.
What number am I?

(1) 346

(2) 445

(3) 545

(4) 546

11. Bahar has **139** stamps and Tom has **83** stamps. Ronny has **26** fewer stamps than Bahar. How many stamps do they have altogether?

(1) 196

(2) 248

(3) 335

(4) 387

12. How many numbers between 20 and 40 can be divided exactly by 7?

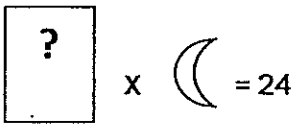
(1) 5

(2) 2

(3) 3

(4) 4

13.



What is the missing number in the box above?

(1) 7

(2) 8

(3) 3

(4) 4

14. 161 stickers were shared equally among 7 children.
How many stickers will each child receive?

(1) 23

(2) 26

(3) 27

(4) 31

15. Farmer Tan harvested 320 oranges.
He packed them equally into boxes of 8 to be sold at a supermarket.
How many boxes of oranges did he sell at the supermarket?

(1) 40

(2) 312

(3) 328

(4) 2 560

Section B (35 marks)
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.

?	+ 2 505 = 6 000

17. 134 x 4 = _____

18. Form the smallest 4-digit even number using all the following digits.

4	5	2	7

19. 6 kg 25 g = _____ g

g

20. 5021 *ml* = _____ *l* _____ *ml*

_____ / _____ ml

21. The smaller of two numbers is **2 359**
The greater number is **267** more than the smaller number.
What is the sum of the two numbers?

22. Study the number pattern below.
What is the missing number?

1 929, 2 279, 2 629, ? _____, 3 329, 3 679

23. Add up **all** the odd numbers between 2 579 and 2 585.

24. Alan had 9 000 DVDs. He threw away 361 cracked ones.
How many DVDs had he left?

25. Mr Lee had 4 009 fishes at his fish farm at first.
He transferred 80 fishes from his fish farm to the pond behind his house.
How many fishes were left at his fish farm?

26. At a bird park, 3995 new birds were added to the 5013 birds in the park.
What is the total number of birds in the bird park now?

27. What is the product of 685 and 9?

28. What is the quotient when 537 is divided by 7?

29. What is the **remainder** when 262 is divided by 3?

30. Carol has **42** stickers. She has **6** times as many stickers as Ben.
How many stickers does Ben have?

31. A shop sells **13** marbles in a pack.
Lina bought **4** packs of marbles.
How many marbles did she buy altogether?

32. A bag cost **3 times** as much as **a pair of shoes**
The bag cost **$273**
How much does the pair of shoes cost?

$

33. Each kilogram of rice costs $6.
How many kilograms of rice can Jane buy with $138?

kg

34. The total mass of Bala and Mark is 124 kg.
Mark is 4 kg lighter than Bala.
What is Mark's mass?

kg

35. A bottle has a capacity of 800 *ml*.
5 full cups of water were used to fill the bottle to its brim.
What is the capacity of each cup?

ml

Section C (20 marks)

For questions 36 to 40, show your working 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. Mrs Tan went shopping.

She bought 5 dresses and 6 T-shirts.

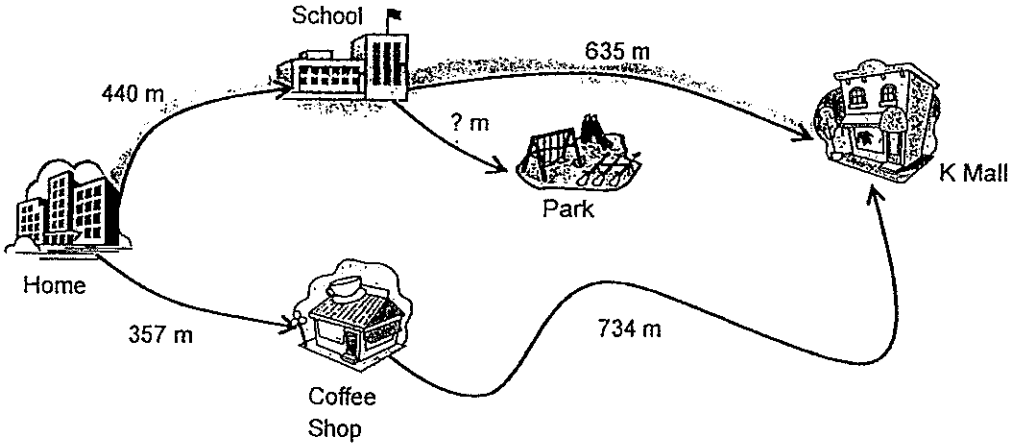
(a) How much did Mrs Tan spend on the dresses?

(b) How much did Mrs Tan spend on the T-shirts?

Answer: (a) _____ (2m)

(b) _____ (2m)

37. Use the map below to answer questions **37** (a) and **37** (b).



Alan wants to go to K Mall from home. He wants to take the shortest route.

(a) What is the distance of the shortest route from Home to K Mall? Give your answer in kilometres and metres.

(b) The distance from Home to the Coffee Shop is **3 times** the distance from the School to the Park. Find the distance from the School to the Park. Give your answers in metres.

Answer: (a) _____ (2m)

(b) _____ (2m)

38. For every 6 marbles Tim buys, he gets 1 marble free.

Tim gets **24 free marbles.**

What is the **least number** of marbles he has altogether?

Answer: _____ (4m)

39. 735 stamps were shared among Gina, Hannah and Iris. Gina received **4 times** as many stamps as Hannah. Iris received twice as many stamps as Hannah.

(a) How many stamps did Hannah have?

(b) How many **more stamps** did Gina have than Iris?

Answer: (a) _____ (2m)

(b) _____ (2m)

40. Jane had some buttons at first. She **bought another 39 buttons.**
Then she had 8 times as many buttons as her brother.
Her brother had 48 buttons.
How many buttons did Jane have at first?

Answer: _____(4m)

END OF PAPER

Have you checked your work?

EXAM PAPER 2014
LEVEL : PRIMARY 3
SCHOOL : ROSYTH SCHOOL
SUBJECT : MATHS
TERM : SA1

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

Q16 3495

Q17 536

Q18 2574

Q19 6025g

Q20 5*l* 21*ml*

Q21 4985

Q22 2979

Q23 5164

Q24 8639 DVDs

Q25 3929 fishes

Q26 9008 birds

Q27 6165

Q28 76

Q29 1

Q30 7

Q31 52

Q32 91

Q33 23 kg

Q34 60 kg

Q35 160*ml*

Q36 (a) $35 x 5 = $175

Mrs Tan spent $175 on dresses.

(b) $18 x 6 = $108

Mrs Tan spent $108 on T-shirts.

Q37 (a) 635m + 440m = 1075m

1km = 1000m
1075m = 1km 75m

The shortest route is 1km 75m.

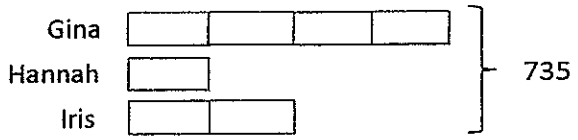
(b) 357m ÷ 3 = 119m

The distance is 119m.

Q38 24 x 6 = 144
144 + 24 = 168

He has 168 marbles altogether.

Q39



(a) 735 ÷ 7 = 105

Hannah had 105 stamps.

(b) 4 – 2 = 2
105 x 2 = 210

Gina had 210 stamps more than Iris.

Q40 48 x 8 = 384
384 – 48 = 345

Jane had 345 buttons at first.

SINGAPORE CHINESE GIRLS' SCHOOL

FIRST SEMESTRAL ASSESSMENT 2014

PRIMARY 3

MATHEMATICS

BOOKLET A

Name : _____( )

Parent's Signature

Class : Primary 3 SY/C G/SE/P

There are 15 questions in this booklet.
SECTION A

Total Time : 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES

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

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

CHECK THAT ALL MCQ ANSWERS ARE SHADED CORRECTLY IN THE OAS

This question paper consists of 5 printed pages. (Inclusive of cover page)

Section A (30 marks)

Questions 1 – 15 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 in the Optical Answer Sheet (OAS).

---

1. In the number 6289, the digit 8 is in the _____ place.

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

2. Seven thousand, nine hundred and seventy written in numerals is _____.

   (1) 790
   (2) 797
   (3) 7907
   (4) 7970

3. 6000 + 50 + 1 = _____

   (1) 6501
   (2) 6510
   (3) 6051
   (4) 6015

4. The difference between 7282 and 309 is _____.

   (1) 6937
   (2) 6973
   (3) 7519
   (4) 7591

5. 7 + 7 + 7 + 7 + 7 = _____ x 7

   (1) 5
   (2) 7
   (3) 28
   (4) 35

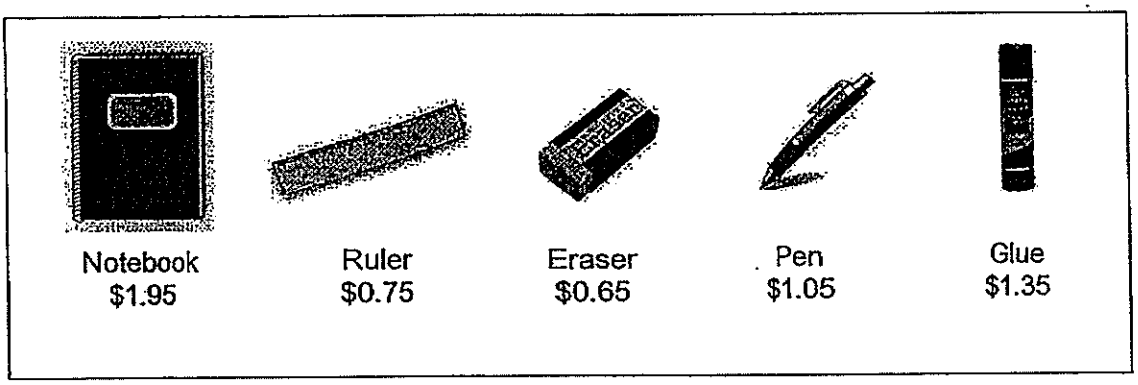
6. The product of 7 and 8 is _____.

(1) 15
(2) 56
(3) 63
(4) 64

7. Find the remainder of $141 \div 7$

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

8. Kate bought 2 items and paid $2 for them. Which 2 items did she buy?



(1) Ruler and glue
(2) Pen and notebook
(3) Eraser and notebook
(4) Eraser and glue

9. How many cents are there in $7.20?

(1) 7
(2) 20
(3) 72
(4) 720

10. How many odd numbers are there in between 370 and 390?

(1) 9
(2) 10
(3) 11
(4) 20

11. Henry had $6. He spent $2.50 on a burger and $0.95 on a drink. How much money did he have left?

(1) $2.55
(2) $3.45
(3) $3.55
(4) $9.45

12. Anya packed 48 doughnuts equally into 8 boxes. How many doughnuts are there in each box?

(1) 6
(2) 7
(3) 40
(4) 56

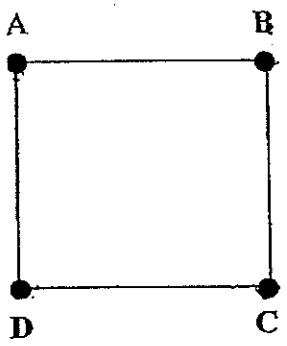
13. Mrs Lee had 39 pupils. She gave each pupil 6 stickers and had 2 stickers left. How many stickers did Mrs Lee have at first?

(1) 228
(2) 230
(3) 234
(4) 236

14. The product of 2 numbers is 56. The sum of the same 2 numbers is 30. What are the 2 numbers?

(1) 10 and 20
(2) 2 and 28
(3) 7 and 8
(4) 4 and 14

15. 8 pupils stood on each side of a square. There were equal number of pupils standing on each side. One pupil stood at points A, B, C and D of the square respectively. How many pupils were asked to form the square?



(1) 24
(2) 28
(3) 32
(4) 40

SINGAPORE CHINESE GIRLS' SCHOOL

FIRST SEMESTRAL ASSESSMENT 2014

PRIMARY 3

MATHEMATICS

BOOKLET B

Name : _____( )

Class : Primary 3 SY/C/G/SE/P

		Marks attained	Max Mark
Booklet A	Section A		30
Booklet B	Section B		30
	Section C		20
Total			80

Parent's Signature

There are 20 questions in this booklet.
SECTION B and C

Total Time : 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES

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

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

This question paper consists of 9 printed pages. (Inclusive of cover page)

Section B (30 marks)

Do not write in this space

Questions 16 – 30 carry 2 marks each. Write your answers in the blanks provided. All workings must be shown clearly.

16. Write 3549 in words.

Ans : _____

17. Arrange these numbers, beginning with the greatest number.

9042	9024	9204	9240

Ans: _____ (greatest) , _____ , _____ , _____ (smallest)

18. 6 hundreds + 3 tens + 13 ones = _____

Ans : _____

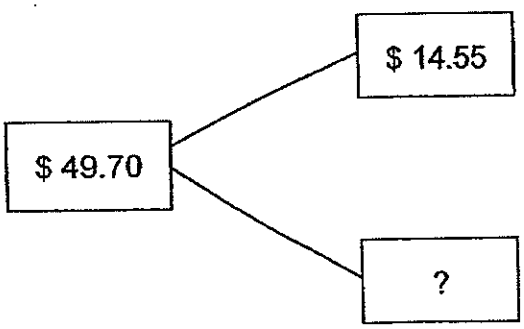
19. 1314 ÷ 6 = _____.

Ans : _____

8

Do not write
In this space

20.



What is the missing amount?

Ans : $_____

21. What is the missing number in the box?

$$\begin{array}{r} 6\,2\,1\,4 \\ -\quad\;\; 0\,9 \\ \hline 5\,9\,0\,5 \end{array}$$

Ans : _____

22. Anson has 117 toy cars. Bob has 4 times as many toy cars as Anson. Chris has 48 toy cars less than Bob. How many toy cars did Chris have?

Ans : _____

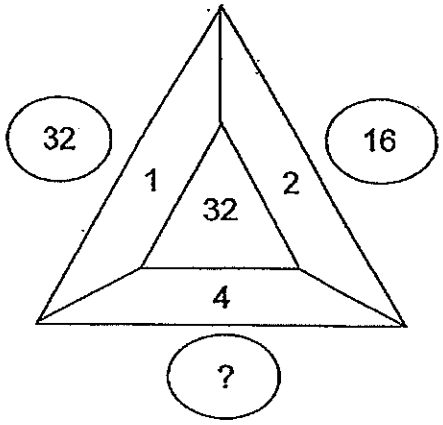
/6

Do not write in this space

23. Trisha is 19 years old. Her aunt is thrice as old as her.
How old was her aunt 8 years ago?

Ans : _____

24. Look at the following diagram.
What is the missing number?



Ans : _____

25. Jenny paid $25 for 4 tennis balls. What will be the cost of 8 tennis balls?

Ans: $_____

6

Do not write
In this columr

26. There were 6500 people at a fun fair.
2400 were adults and the rest were children..
How many more children than adults were there?

Ans : _____

27. Form the biggest possible 4-digit even number with the digits 4, 7, 3 and 8.

Ans: _____

28. Complete the number pattern.

8625 , 8725 , 8825, 8925, _____

Ans: _____

6

Do not write
In this space

29. The digit that represents '♥' is _____.

$$\begin{array}{r} 2\ \heartsuit\ 5 \\ \times\quad\ 6 \\ \hline 1\ \heartsuit\ 7\ 0 \\ \hline \end{array}$$

Ans : _____

30. The figures below are made up of matchsticks of equal length. Look at the following patterns and answer the question.

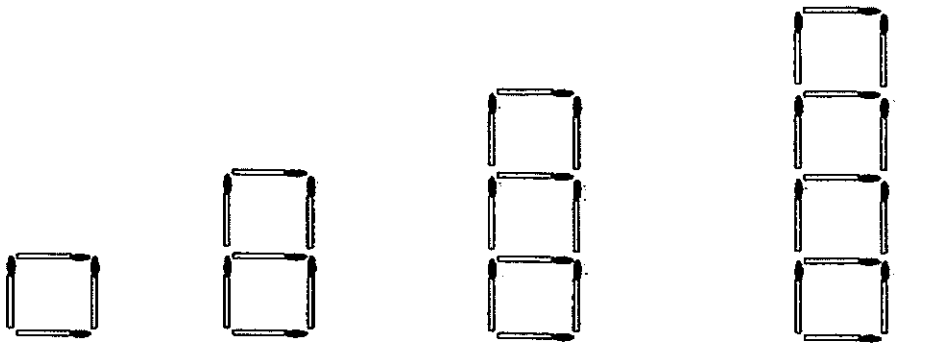


Figure 1
4 matchsticks

Figure 2
7 matchsticks

Figure 3
10 matchsticks

Figure 4
13 matchsticks

Which figure will be made of 31 matchsticks?

Ans : _____

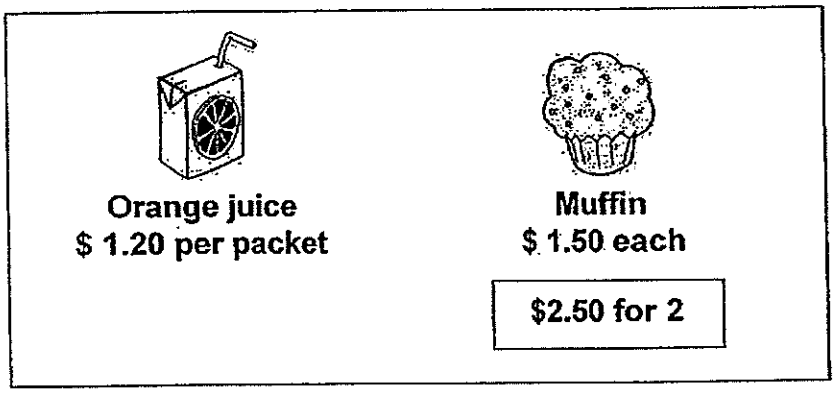
4

Do not write in this column

Section C (20 marks)

Questions 31 – 35 carry 4 marks each. **All workings must be clearly shown.**

31. Use the following pictures to answer the question.



Charlotte had $10.50. She bought 5 packets of orange juice for her family. She then used the remaining amount to buy muffins. What is the maximum number of muffins she can buy with the remaining amount of money?

Ans : _____

32. Mrs Tan bought 8 packets of sweets. Each packet contained 120 sweets. The sweets were shared equally among 5 classes. How many sweets did each class get?

Ans : _____

8

33. Kristy and Haley had $920 altogether. Haley had $136 less than Kristy. How much money did Kristy have?

Do not write in this column

Ans: _____

34. Alice had 256 stickers more than Betty. After Betty gave away 82 stickers, Alice had twice as many stickers as Betty. How many stickers did Betty have at first?

Ans: _____

8

Do not write
In this columr

35. In a farm, there were 30 goats and ducks. If there are 82 animal legs altogether, how many goats and ducks were there on the farm?

Ans: _____ goats

_____ ostriches

4

END OF PAPER
CHECK YOUR WORK

Singapore Chinese Girls' School
Primary 3 Mathematics SA1 2014

Section A

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

Section B

16) Three thousand, five hundred and forty nine
17) 9240, 9204, 9042, 9024
18) 643
19) 219
20) $35.15
21) 3
22) 420
23) 49)
24) 8
25) $50
26) 1700
27) 8734
28) 9025
29) 4
30) Figure 10

Section C

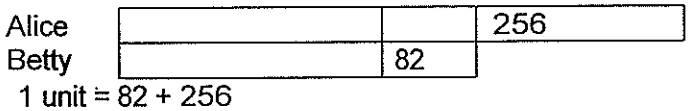
31) cost of orange juice = 5 x $1.20
= $6
$10.50 - $6 = $4.50
$4.50 =$2.50 + $2
= 2 muffins + 1 muffin
= 3 muffins

32) 120 x 8 =960
960 ÷ 5 = 192 sweets

33)

$920 - $136 = $784
1 unit = $784 ÷ 2
= $392
$392 + $136 = $528

34)



1 unit = 82 + 256
=338
338 + 82 = 420

35)

Goats	Number of goat's	Ducks	Number of duck's	Number of animals	Number of animals'

	legs		legs		legs
11	11 x 4 = 44	19	19 x 2 = 38	30	82

Answer: 11 goats, 19 ducks.

PRIMARY 3 MID-YEAR EXAMINATION 2014

Name : _____ ( ) Date: 16 May 2014

Class : Primary 3 ( ) Time: 8.00 a.m. - 9.00 a.m.

Parent's Signature : _____ Marks: _____ / 80

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	40
Total for Paper 1	50

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. In 7058, the digit '5' is in the _____ place.

   (1) tens

   (2) ones

   (3) hundreds

   (4) thousands

2. 5601 can be written as

   (1) 5000 + 60 + 1

   (2) 5000 + 60 + 10

   (3) 5000 + 600 + 1

   (4) 5000 + 600 + 10

3. Subtract 576 from 1900. Which digit is in the tens place ?

   (1) 7

   (2) 2

   (3) 3

   (4) 4

4. $7 + 7 + 7 + 7 + 7 + 7 = ____ \times 7$

(1) 6

(2) 7

(3) 42

(4) 49

5. The product of 642 and 6 is _____ .

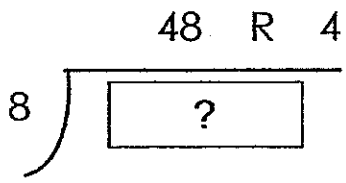
(1) 107

(2) 170

(3) 3642

(4) 3852

6.



What is the missing number in the box ?

(1) 380

(2) 384

(3) 388

(4) 416

7. Study the number pattern below.

12, 14, 28, 30, 60, _____, _____

What are the missing numbers ?

(1) 62, 64

(2) 62, 76

(3) 62, 78

(4) 62, 124

8. Mrs Rani baked 1486 cookies on Monday. She baked 569 fewer cookies on Monday than on Tuesday. How many cookies did she bake on Tuesday ?

(1) 917

(2) 925

(3) 1945

(4) 2055

9. Melody has five $2-notes. She bought a bookmark for $4.20. How much money does she have left ?

(1) $ 0.80

(2) $ 5.80

(3) $ 6.80

(4) $ 14.20

10. I am a 3-digit number. The digit in my hundreds place is 1 more than the digit in my tens place. The digit in my ones place is 4 less than the digit in my tens place. What number am I ?

(1) 126

(2) 548

(3) 562

(4) 873

End of Booklet A

Tao Nan School

Primary 3 Mathematics Mid-Year Examination 2014

Name : _____ ( ) Class : Pr 3 _____

Paper 1 Booklet B (40 marks)

Each question carries 2 marks. Write your answers in the boxes provided.

Give your answers in the units stated.

11. Write 8339 in words.

12. Use the digits in the boxes below to form the **largest 4-digit odd** number. Each digit can be used **once only**.

0	6	8	9

Ans :

13. What must be subtracted from 585 to get 20 tens ?

Ans :

14. 612 is _____ tens less than 4612.

Ans : _____ tens

15. The digits in the boxes are the same. What is the digit ?

$$\begin{array}{r} \square\ 2\ 4\ 7 \\ +\ 1\ 2\ \square\ 5 \\ \hline 7\ 5\ 1\ 2 \end{array}$$

Ans : _____

16. After Mr Leong paid $ 2180 for a laptop, he had $ 250 left.
How much money did he have at first ?

Ans : $ _____

17. Arrange the numbers below in descending order.

3719 7913 7391 9731

Ans : _____, _____, _____, _____

18. 2 years ago, the total age of Jamie and Caleb was 42 years old.

Now, Jamie is 28 years old. What is Caleb's age now?

Ans : years old

19. Arul has thrice as many stickers as Peter.

Arul has 1266 stickers. How many stickers do they have in all ?

Ans : stickers

20. Mrs Lee wants to pack 132 apple tarts into some boxes. Each box can hold 7 apple tarts. What is the minimum number of boxes she will need to pack all the tarts ?

Ans : _____ boxes

21. $14 + 14 \div 7 = \square \times 7$

Ans : _____

22. Sally made 20 cupcakes and placed them in a row. She put a red cherry on every 3rd cupcake. How many cupcakes had red cherries on them ?

Ans: _____

23. David read 36 books. He read 4 times as many books as Kevin. Jackson read 11 more books than Kevin. How many books did Jackson read ?

Ans: ☐ books

24.

3 packets of milk cost $5.

What is the cost of 18 packets of milk ?

Ans : $ ☐

25. ☐ + ☐ + ☐ = 27

△ x 5 = 30

Find ☐ + △

Ans : ☐

26. Peter and his 6 friends shared 847 stamps equally.
How many stamps did Peter get ?

Ans : _____ stamps

27. $5\overline{)999}$

What is the remainder ?

Ans : _____

28.

Kookaburra Zoo Ticket Prices

1 Adult - $28
1 Child - $18

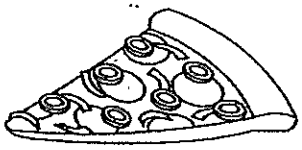
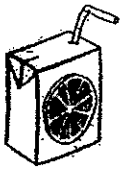
Mrs Soh wants to buy tickets to the zoo for herself and her 2 children. How much does she have to pay ?

Ans : $ _____

29. 15 twenty-cent coins have the same value as _____ one-dollar coins.

Ans: [ ]

30.

A  A slice of pizza : $ 7.20	B A packet of milk : $ 2.80
C  A packet of juice : $ 1.80	D A bowl of noodles : $ 6.90

Sue gave the cashier at the food court $50 and received $41.30 in change. Which 2 food items did she buy ?

Ans : _____ and _____

End of Booklet B

PRIMARY 3 MID-YEAR EXAMINATION 2014

Name : _____ ( ) Date: 16 May 2014

Class : Primary 3 ( ) Time: 10.15 a.m. - 11.15 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. Sam bought 9 bags of fruit. There were 9 fruits in each bag. Each bag of fruit contained 2 apples and the rest were pears. How many pears were there altogether?

Ans : _____

---

2. A florist sells 868 roses from Tuesday to Friday. She sells the same number of roses each day. How many roses does she sell in 1 day ?

Ans : _____

---

3. There were 490 adults at a charity fun fair. There were 7 times as many adults as children. How many more adults than children were there at the fun fair ?

Ans : _____

---

4. Sandy bought a total of 20 red and white plates. The red plates cost $5 each while the white plates cost $2 each. She paid $79 in all. How many red plates did she buy ?

Ans : _____

---

3. There were 490 adults at a charity fun fair. There were 7 times as many adults as children. How many more adults than children were there at the fun fair ?

Ans : _____

---

4. Sandy bought a total of 20 red and white plates. The red plates cost $5 each while the white plates cost $2 each. She paid $79 in all. How many red plates did she buy ?

Ans : _____

---

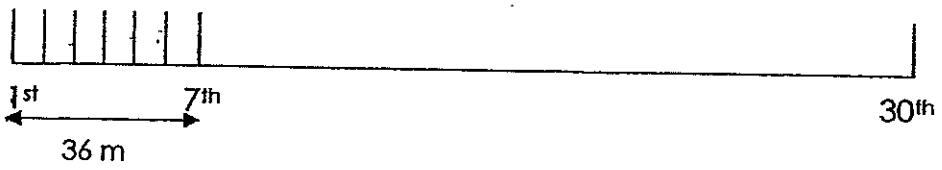
5. Melissa had five $10-notes and four $5-notes. After she bought a box of crayons and a book, she was left with $38.70. The book cost $11.70. How much did she pay for the box of crayons ?

Ans: _____

6. Mr Wong is 35 years older than his son, Kelvin. Kelvin will be 20 years old in 8 years' time. How old is Mr Wong now ?

Ans : _____

7. 30 palm trees are planted at regular intervals from the beginning of a road to the end of it. The distance between the 1st and the 7th tree is 36 m. What is the length of the road ?



Ans : _____

8. The cost of 2 calculators and a notebook is $63. The cost of one calculator is 3 times as much as the cost of one notebook. Find the cost of one calculator.

Ans.: _____

9. The total cost of a skirt, necklace and bag is $380.
The bag costs thrice as much as the necklace and the skirt costs twice as much as the bag. What is the total cost of the skirt and the necklace ?

Ans : _____

10.

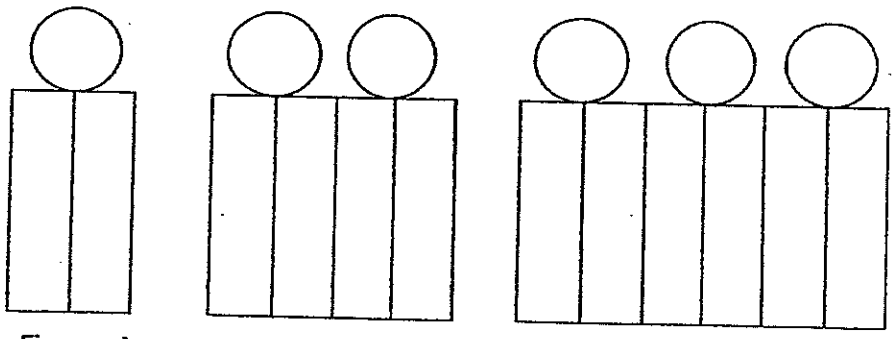


Figure 1 Figure 2 Figure 3

Study the pattern.

a) How many rectangles are there in Figure 24 ?

b) In which figure will there be 18 circles ?

Ans: a) _____

b) _____

End of Paper 2

EXAM PAPER 2014
SCHOOL : TAO NAN PRIMARY SCHOOL
SUBJECT : PRIMARY 3 MATHS
TERM : SA1

PAPER 1 : BOOKLET A

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

PAPER 1 : BOOKLET B

Q11) Eight thousand, three hundred and thirty-nine
Q12) 8609
Q13) 385
Q14) 400 tens
Q15) 6
Q16) $2430
Q17) 9731, 7913, 7391, 3719
Q18) 18 years old
Q19) 1688 stickers
Q20) 19 boxes
Q21) 5
Q22) 6 cupcakes
Q23) 20 books
Q24) $30
Q25) 15
Q26) 121 stamps
Q27) 4
Q28) $64
Q29) 3
Q30) A packet of juice and a bowl of noodles

PAPER 2

Q1) 9-2=7 (pears)
7x9=63
There were 63 pears altogether.

Q2) 868÷4=217
She sold 217 roses in 1 day.

Q3) 490÷7=70 (1 unit)
70×6=420 (6 units)
There were 420 more adults than children.

Q4)

no of red plates	no of white plates	total no of plates	how much money on red plates	how much money on white plates	total amt of money	check
10	10	20	10×$5=$50	10×$2=$20	$20+$50=$70	X
11	9	20	11×$5=$55	9×$2=$18	$18+$55=$73	X
13	7	20	13×$5=$65	7×$2=$14	$65+$14=$79	√

Final check = 13×5=65
7×2=14
65+14=79
She bought 13 red plates.

Q5) $50+$20=$70
$70-$38.70=$31.30
$31.30-$11.70=$19.60
She paid $19.60 for the box of crayons.

Q6) 20-8=12
12+35=47
Mr Wong is 47 years old now.

Q7) 36÷6=6
30-1=29
29×6=174
The length of the road is 174m.

Q8) 63÷7=9
9×3=27
The cost of 1 calculator is $27.

Q9) $380÷10=$38 (1 unit)
$38×7=$266
The total cost of the 2 items is $266.

Q10) a) Fig no. × 2
24×2=48

b) Fig no. × 1
18÷1=18

a) 48 rectangles are in figure 24.
b) Figure 18 will have 18 circles.

Anglo-Chinese School (Primary)

END-OF-YEAR EXAMINATION 2014
MATHEMATICS
BOOKLET A
PRIMARY THREE

Name: _____ ( ) Class: Primary 3 ___

Date: 29 October 2014 Duration of Booklets A & B: 1h 45min

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. In the number 3 295, the value of the digit 2 is _____.

   (1) 2 ones

   (2) 2 tens

   (3) 2 hundreds

   (4) 2 thousands

2. Divide 455 by 7.

   (1) 55

   (2) 65

   (3) 3 155

   (4) 3 185

3. Mother bought a watermelon and a honeydew. The watermelon costs $7.50. The honeydew costs $2 less than the watermelon. How much did Mother pay in all?

   (1) $5.50

   (2) $9.50

   (3) $12.00

   (4) $13.00

4. A movie ended at 3.35 p.m. It lasted 1 h 50 min. What time did the movie start?

   (1) 1.45 p.m.

   (2) 2.15 p.m.

   (3) 2.45 p.m.

   (4) 5.25 p.m.

5. 20 m 5 cm = _____ cm.

(1) 205

(2) 250

(3) 2 005

(4) 2 050

6. Arrange the following fractions from the smallest to the largest.

$$\frac{1}{4}, \frac{5}{6}, \frac{1}{2}$$

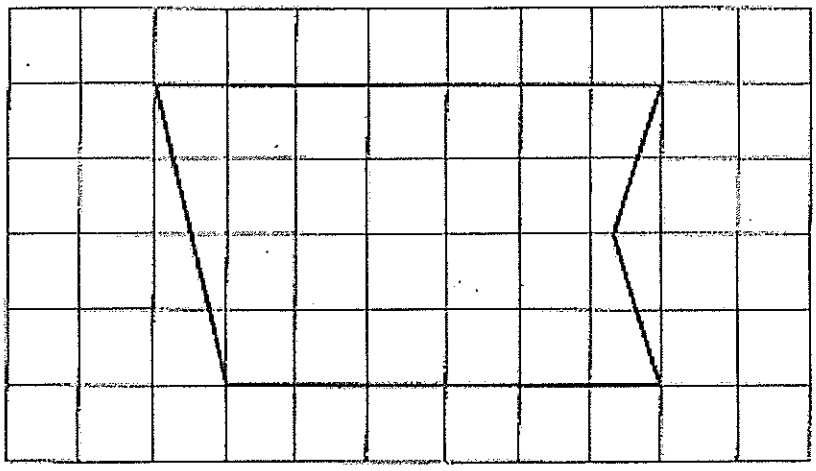
(1) $\frac{1}{2}, \frac{1}{4}, \frac{5}{6}$

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

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

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

7. How many pairs of parallel lines are there in the figure below?



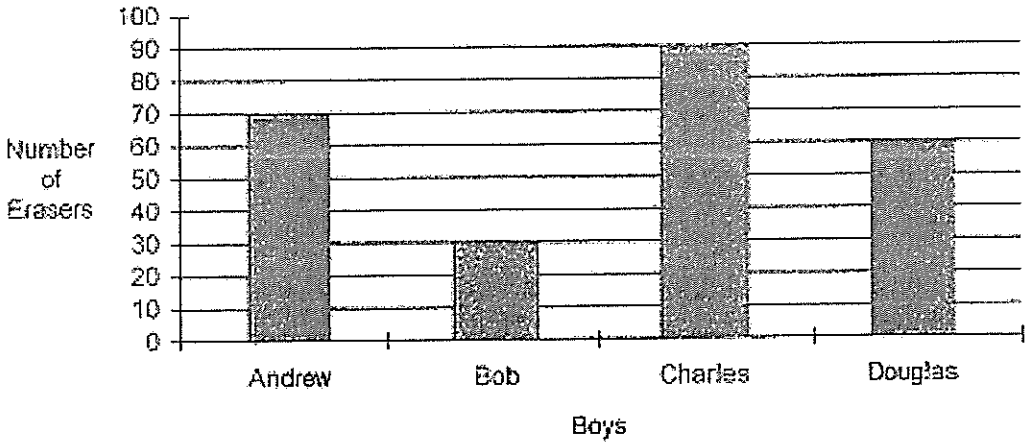
(1) 1

(2) 2

(3) 3

(4) 0

8. The bar graph below shows the number of erasers collected by 4 boys. Study the graph and use it to answer question 8.



How many more erasers did Charles collect than Bob?

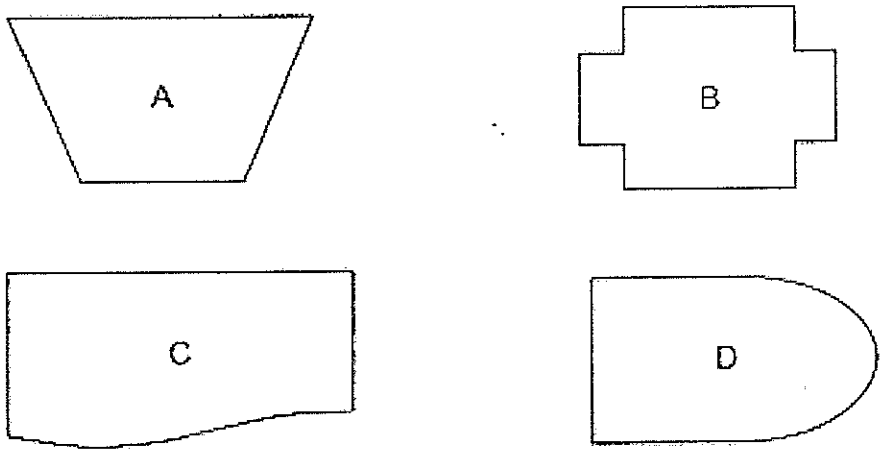
(1) 20

(2) 30

(3) 40

(4) 60

9. Which of the following figures does not have any right angles?



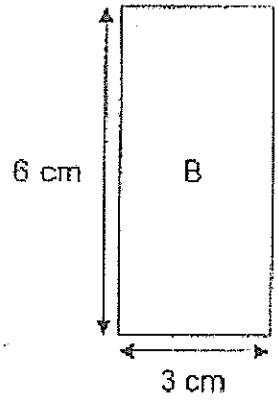
(1) A

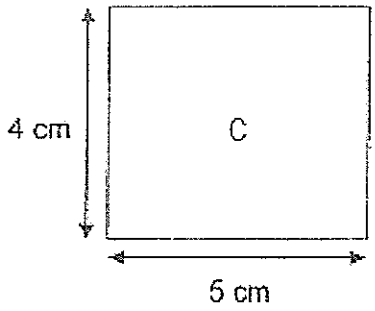
(2) B

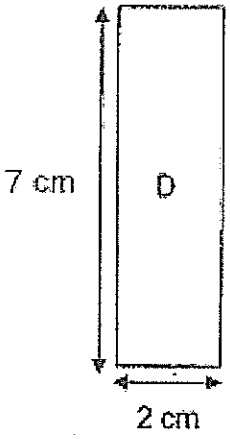
(3) C

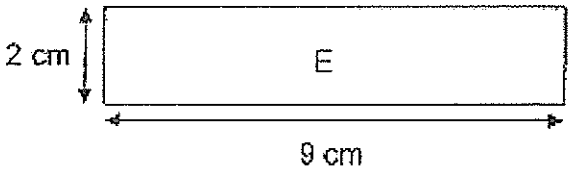
(4) D

10. The figures below are not drawn to scale. Which of the 2 figures below have the same area?









(1) B and C

(2) B and E

(3) C and D

(4) D and E

Anglo-Chinese School (Primary)

END-OF-YEAR EXAMINATION 2014
MATHEMATICS
BOOKLET B
PRIMARY THREE

Name: _____ ( ) Class: Primary 3 ___

Date: 29 October 2014 Duration of Booklets A & B: 1h 45min

_____
Parent's/Guardian's signature

INSTRUCTIONS TO CANDIDATES

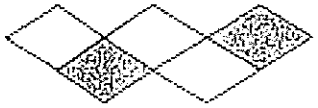
1. This question paper consists of 15 printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.

Section	Maximum Mark	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. What fraction of the figure is shaded?



Answer : _____

12. Express $\frac{8}{12}$ in its simplest form.

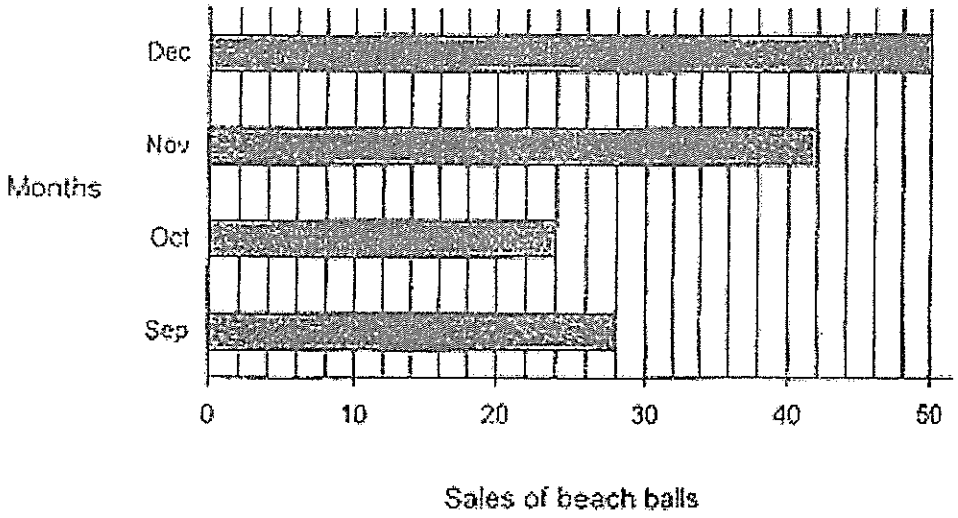
Answer : _____

13. Complete the following number pattern.

475 , 525 , 625 , _____ , 975 , 1 225, 1 525, 1 875

Answer : _____

The bar graph below shows the sales of beach balls in a toy shop.
Study the graph carefully and use it to answer questions 14 and 15.



14. In which month did the toy shop sell the least number of beach balls?

Answer : _____

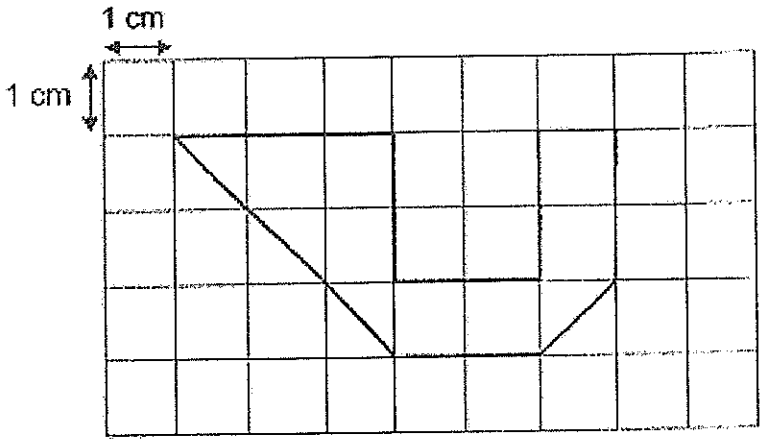
15. What is the total number of beach balls sold in the months of October, November and December?

Answer : _____

16. What is the smallest 2-digit number that can be divided by both 3 and 4?

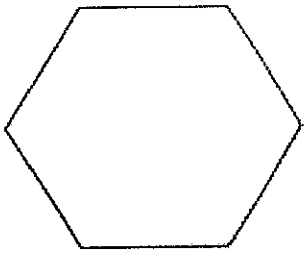
Answer : _____

17. The figure below is not drawn to scale. Find its area.



Answer : _____ cm^2

18. How many angles inside the figure are greater than a right angle?



Answer : _____

19. The capacity of a pail is 18 ℓ. It is 7 ℓ less than the capacity of a tank. What is the capacity of the tank?

Answer : _____

20. Find the value of $\frac{3}{4} + \frac{1}{8}$.

Answer : _____

21. Audrey had 1 082 roses. 246 of the roses are red while the rest are pink. Kelly gave Audrey another 429 pink roses. How many pink roses did Audrey have altogether now?

Answer : _____

22. A rope 510 m long is cut into two pieces. One piece is 5 times as long as the other piece. What is the length of the longer piece of rope?

Answer : _____ m

23. Lily has $720 more than Felix. She gives Felix $135. How much more money does she have than Felix now?

Answer : $ _____

24. What is the missing number in the box?

$$\frac{2}{8} = \frac{\boxed{?}}{12}$$

Answer : _____

25. Find the difference between $\frac{1}{2}$ and $\frac{1}{10}$. Give your answer in its simplest form

Answer : _____

26. A worker takes 20 minutes to wash a car. He washed 3 cars without taking a break. If the worker starts at 8.15 a.m., what time will he finish washing all the cars?

Answer : _____ a.m.

27. 10 poles are placed in a straight row at an equal distance apart. The distance between 2 poles is 55 m. What is the distance between the first and the last pole?

Answer : _____ m

28. Find the sum of all the odd numbers listed below.

Answer : _____

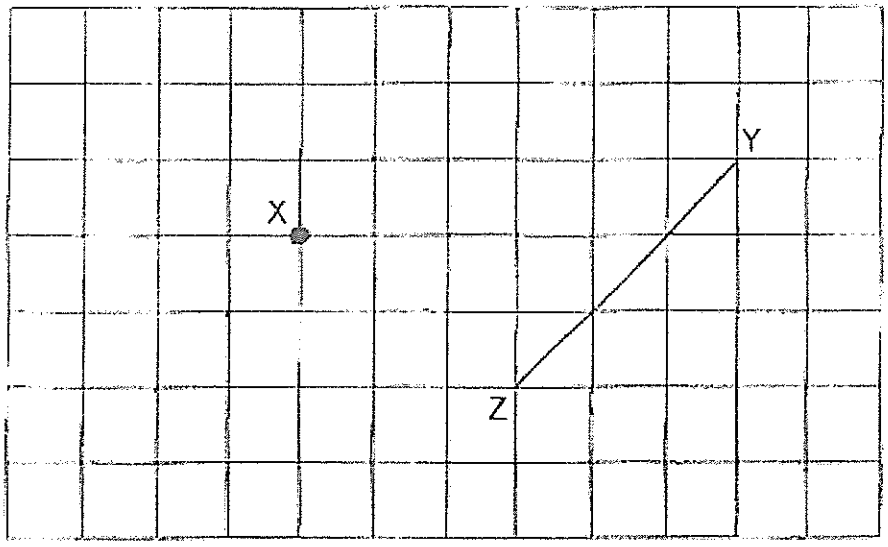
29. Jack wants to buy a pair of shoes that costs $87.30. He has $42.60. How much more money does he need to buy the pair of shoes?

Answer : $ _____

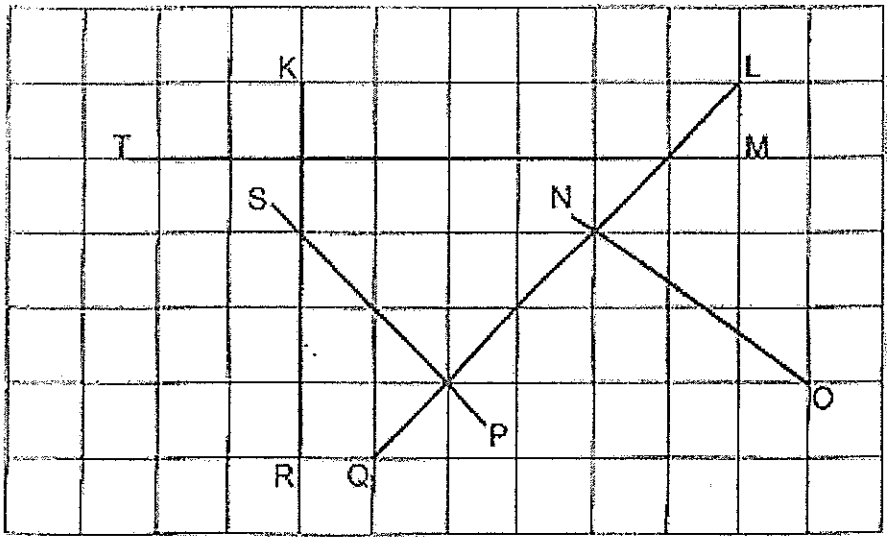
30. John had 1 radio and 3 similar laptops. The mass of the radio is 2 kg more than the mass of each laptop. The total mass of the radio and laptops is 34 kg. What is the mass of each laptop?

Answer : _____ kg

31. The figure below shows a line YZ and point X. Draw a line parallel to YZ that passes through point X.



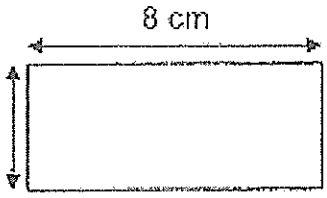
32. Identify 2 pairs of perpendicular lines in the diagram below.



Answer : _____ ⊥ _____

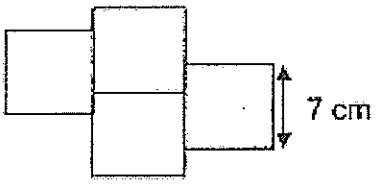
_____ ⊥ _____

33. The length of a rectangular piece of paper is 8 cm. If the breadth of the paper is 3 cm shorter than its length, what is the area of the piece of paper?



Answer : _____ cm^2

34. The figure below is not drawn to scale. It is made up of 4 identical squares. Each side of the square is 7 cm. Find the perimeter of the figure.



Answer : _____ cm

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. Kim Wee had $120. He bought a calculator and a book. The calculator cost $34.50. If he had $64.70 left, how much did the book cost?

Answer: _____ [3]

36. Matthew poured 4 bottles of milk into a container. The capacity of each bottle is 350 *m*ℓ. He needed another 200 *m*ℓ more milk to completely fill the container. Find the capacity of the container.

Answer: _____ [3]

37. Joshua took a 3 hours 20 minutes train ride from Town X to Town Y. The train departed at 11.55 a.m.

a) What time did Joshua arrive in Town Y?

b) Joshua planned to reach the train station 45 minutes before the train's departure time. He needed 30 minutes to travel from his house to the train station. What is the latest time Joshua must leave his house?

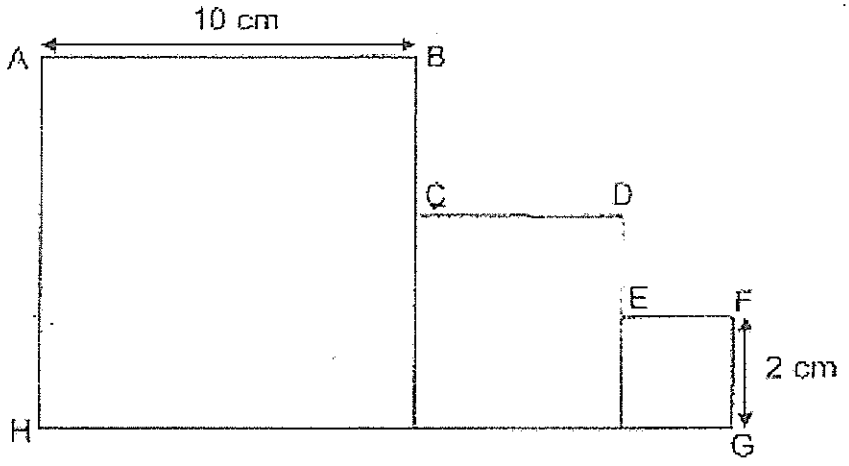
Answer: (a) _____ [1]

(b) _____ [3]

38. Ben, Cody and Dan have a total of 710 marbles. Ben gets 45 more marbles than Cody and Dan gets 173 more marbles than Ben. How many marbles does Cody have?

Answer: _____ [4]

39. The figure below, not drawn to scale, is made up of 3 squares. The length of AB is 10 cm and the length of FG is 2 cm. The length of FG is 4 cm less than the length of CD. Find the total area of the figure.



Answer: _____ [4]

40. For every 2 blue beads Joel strings, he strings 5 yellow beads. Joel strings a total of 49 blue and yellow beads into a necklace. How many more yellow beads than blue beads does he string? (You may make a list.)

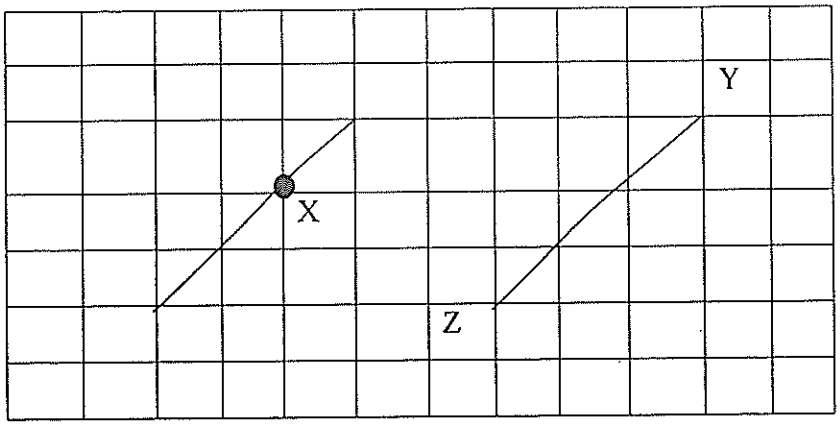
Answer: _____ [4]

End-of-Paper

YEAR: 2014
LEVEL: P3
SCHOOL: ACS
SUBJECT: MATHEMATICS
SEMESTER: SA2

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

11. 2/5
12. 2/3
13. 775
14. Oct
15. 116
16. 12
17. 9
18. 6
19. 25
20. 7/8
21. 1265
22. 425
23. 450
24. 3
25. 2/5
26. 9.15
27. 495
28. 1322
29. 44.70
30. 8
31.



32. TM $\perp$ KR
SP $\perp$ QL

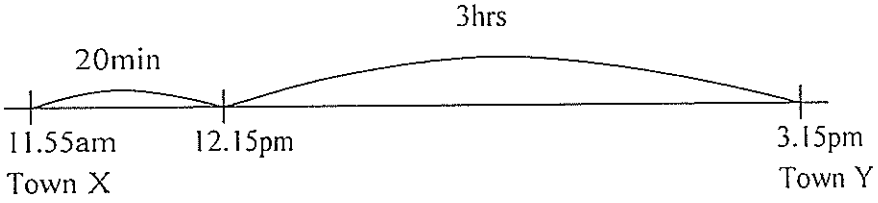
33. 40

34. 70

35. \$120 - \$34.50 = \$85.50
\$85.50 - \$64.70 = \$20.80
Answer: \$20.80

36. 4×350=1400
1400+200=1600
Answer: 1600ml

37. a)



b) Time he planned to reach station: 11.55am – 45min = 11.10am
Time he has to leave house: 11.10am – 30min = 10.40am

Answer: a) 3.15pm
b) 10.40am

38. 45+45+173= 260
710 – 263= 447
447÷3= 149
Answer: 149

39. 10×10= 100
4×4= 16
6×6= 36
36+16+100= 140
Answer: 140cm²

40.

Number of blue beads	Number of yellow beads	Total number of beads
2	5	7
4	10	14
6	15	21
8	20	28
10	25	35
12	30	42
14	35	49

$35 - 14 = 21$

Answer: 21

CATHOLIC HIGH SCHOOL
END-OF-YEAR EXAMINATION 2014
MATHEMATICS
PRIMARY 3

Name :_____( )

Class: Primary 3 _____

Date: 31 October 2014

Duration: 1 h 45 min

Parent's Signature:_____

Section A	30
Section B	34
Section C	16
Total Marks	80

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

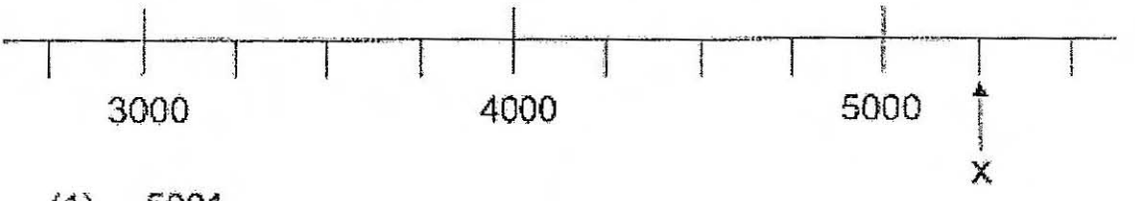
For section A, shade your answers in the Optical Answer Sheet (OAS) provided.

This booklet consists of 19 printed pages.

SECTION A: Multiple-Choice Questions (15 x 2 marks)

For each of the question from 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).

1. Part of a scale is shown below. What is the value of the reading at X?



(1) 5001
(2) 5100
(3) 5250
(4) 5500 ( )

2. What is the product of 39 and 7?

(1) 46
(2) 163
(3) 213
(4) 273 ( )

3. Find the sum of 3998 and 465.

(1) 4353
(2) 4363
(3) 4453
(4) 4463 ( )

4. _____ less than 2439 is 2290.

(1) 149
(2) 249
(3) 4629
(4) 4729 ( )

5. Adrian finished doing his homework at 1 p.m.
He started doing his homework 2 hours ago.
At what time did he start to do his homework?

(1) 11 a.m.
(2) 11 p.m.
(3) 3 a.m.
(4) 3 p.m. ( )

6. What is the missing digit in the box?

$$\begin{array}{r} 1\square 5 \\ \times \quad 7 \\ \hline 875 \end{array}$$

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

7. There is 703 ℓ of water in a tank. 209 ℓ of water was poured away.
How much water was left in the tank?

(1) 494 ℓ
(2) 506 ℓ
(3) 902 ℓ
(4) 912 ℓ ( )

8. _____ − 200 = 40 tens
What is the missing number in the blank?

(1) 160
(2) 200
(3) 240
(4) 600 ( )

9. Find the difference in value between 14 hundreds and 29 tens.

(1) 111
(2) 150
(3) 1110
(4) 1371 ( )

10. $7 \times 8 =$ _____ $+ 8 + 8$.

What is the missing number in the blank?

(1) 15
(2) 16
(3) 40
(4) 56 ( )

11. 42 = 4 groups of 6 + _____ groups of 6.

(1) 18
(2) 2
(3) 3
(4) 24 ( )

12. The cost of 2 pineapples is $6. What is the cost of 10 pineapples?

(1) $12
(2) $30
(3) $3
(4) $60 ( )

13. Which one of the following numbers will have a remainder when divided by 3?

(1) 198
(2) 263
(3) 354
(4) 471 ( )

14. Elijah bought 491 paper clips. Lily bought 67 paper clips more than Elijah. How many paper clips did Lily buy?

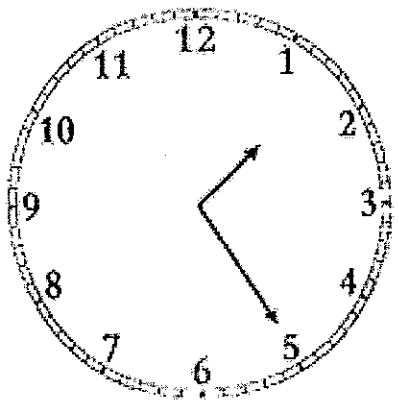
(1) 145
(2) 212
(3) 357
(4) 558 ( )

15. Raymond and Johnny shared a sum of money equally. After Raymond spent $56 and Johnny received $56 from his mother, Johnny had $130. How much money did Raymond have in the end?

(1) $18
(2) $74
(3) $112
(4) $242 ( )

SECTION B: Open-ended Questions (6x 1mark and 14x 2marks)
Questions 16 to 21 carry 1 mark each. Questions 22 to 35 carry 2 marks each. Show your working clearly in the space provided and write the correct answers in the answer boxes provided.

16. Look at the following clock. What time does the clock show?



Ans: _____ p.m.

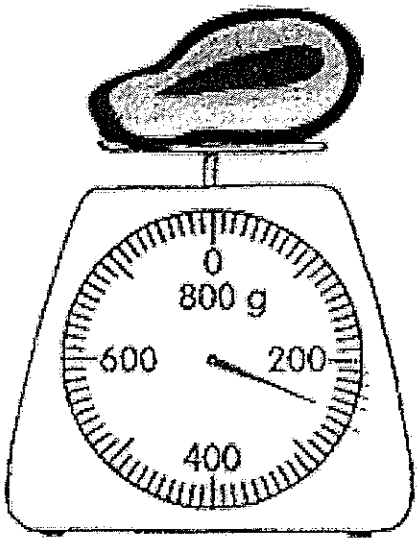
17. What is the value of digit 9 in 8961?

Ans: _____

18. Write six thousand, three hundred and five in numerals.

Ans: _____

19. A papaya is placed on a weighing scale.



What is the mass of the papaya?

Ans: _____ g

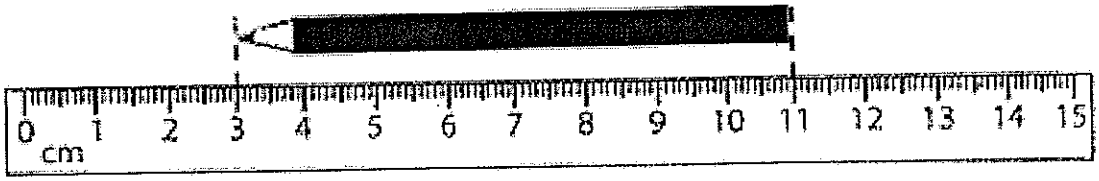
20. Arrange the following numbers in order, beginning with the smallest.

4240 , 4204 , 4024 , 4420

Ans: _____ , _____ , _____ , _____

smallest greatest

21. What is the length of the pencil?



Ans: _____ cm

22. Lance has 480 cards. Bobby has 570 cards. How many more cards does Bobby have than Lance?

Ans: _____

23. Use the following digits to form the greatest 4-digit odd number. All the digits must be used and each digit can only be used once.

7	0	9	3

Ans: _____

24. There were 9 boxes in a room. Each box contained 509 books. One book was taken out from each of the boxes. What was the total number of books left in the boxes?

Ans: _____

25. Mary has 278 marbles. Sally has twice as many marbles as Mary. How many marbles does Sally have?

Ans: _____

26. Find the missing number in the blank below.

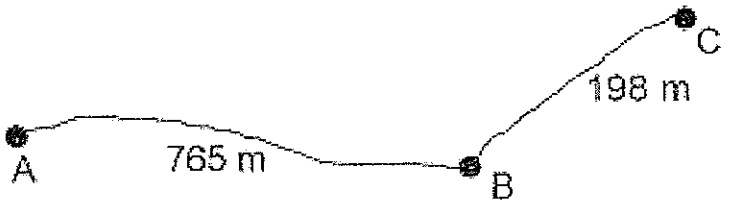
2326 , _____ , 2106 , 1996 , 1886 , 1776

Ans: _____

27. Tom's clock shows 2.30 p.m. His clock is 1 hour slow. What is the actual time?

Ans: _____ p.m.

28. Study the diagram below.



Find the total distance from Point A to Point C along the path shown.

Ans: _____ m

29. Ethan bought 438 erasers at 3 for $1. How much did he pay for the erasers?

Ans: $

30. Johnny has a certain number of coins. He packs the coins into bags of 8 with no left over. As a result, he has 161 bags of coins. How many coins does Johnny have?

Ans:

31. Tom and James shared $156. Tom had three times as much money as James. How much money did James have?

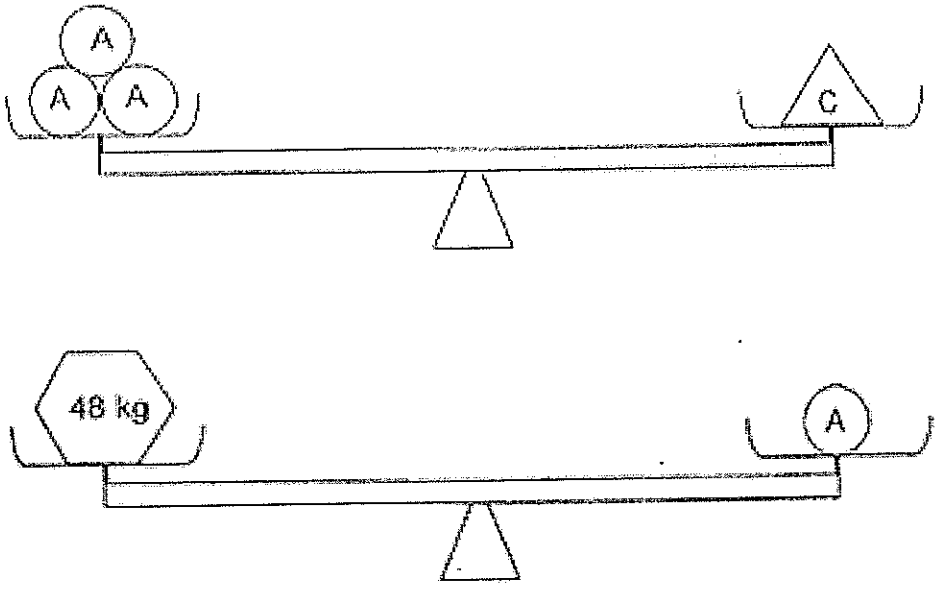
Ans: $

32. Fred has 72 stamps. Greg has twice as many stamps as Fred. Hansen has thrice as many stamps as Greg. How many stamps does Hansen have?

Ans: _____

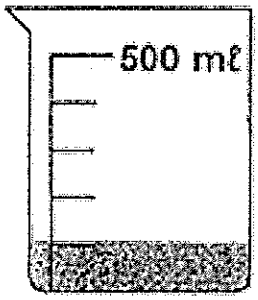
33. What is the mass of

?

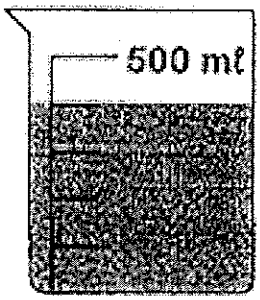


Ans: _____ kg

34. Look at the diagrams below. Containers A and B contain some water.



Container A



Container B

How much water must be poured from Container B into Container A so that both containers have the same amount of water?

Ans: _____ mℓ

35. Clement and David shared some marbles equally. After Clement gave 39 marbles to David, how many more marbles did David have than Clement?

Ans: _____

SECTION C: Story Sums (4 x 3 marks and 1 x 4 marks)
Solve the following story sums. All workings must be shown clearly. Draw models if necessary.

36. Collin and Jacob share 3000 beads. Jacob has 450 beads less than Collin. How many beads does Jacob have?

Ans: _____ [3]

37. A fruit seller had 1999 fruits. He sold 643 fruits and packed the remaining fruits equally into 3 boxes. How many fruits were there in each box?

Ans: _____ [3]

38. Keith was packing candies into 5 bags. He wanted to pack 35 candies into each bag but he was short of 15 candies. How many candies did Keith have?

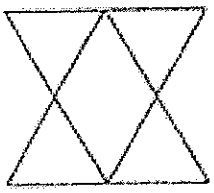
Ans: _____ [3]

39. Ben collected 675 bottle caps.
He collected 412 more bottle caps than Cedric.
Daniel collected 862 more bottle caps than Cedric.
How many bottle caps did Daniel collect?

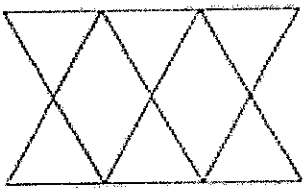
Ans. _____ [3]

40. Sticks are arranged to form identical triangles in the following patterns.

Pattern 1



Pattern 2



Pattern 3

Pattern Number	Number of sticks
1	6
2	12
3	18

(a) Draw Pattern 4 in the space below. [2]

(b) How many sticks are needed for Pattern 10?

Ans: (b) _____ [2]

END OF THE PAPER

YEAR: 2014
LEVEL: P3
SCHOOL: CATHOLIC HIGH
SUBJECT: MATHEMATICS
SEMESTER: SA2

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

Q11	Q12	Q13	Q14	Q15
3	2	2	4	1

16. 1.25
17. 900
18. 6305
19. 250
20. 4024, 4204, 4240, 4420
21. 8
22. 90
23. 9703
24. 4572
25. 556
26. 2216
27. 3.30
28. 963
29. 146
30. 1288
31. 39
32. 432
33. 144
34. 150
35. 78

36. 3000 – 450 = 2550
    2550÷2 = 1275
Ans: 1275

37. 1999 – 643 = 1356
    1356÷3 = 452
Ans: 452

38. $35 \times 5 = 175$

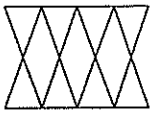
$175 - 15 = 160$

Ans: 160

39. $675 - 412 = 263$

$263 + 862 = 1125$

Ans: 1125

40. a) 

b) $6 \times 10 = 60$

Ans: 60

Name: _____ ( )

Class : Primary 3 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 3 Mathematics

2014 Semestral Assessment Two

Booklet A

28 October 2014

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: (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. In 4076, the digit 4 stands for _____.

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

2. 8057 = 8000 + _____ + 7

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

3. What is the difference between $\frac{1}{9}$ and $\frac{2}{3}$?

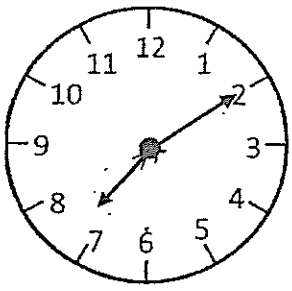
1) $\frac{1}{6}$

2) $\frac{1}{9}$

3) $\frac{5}{9}$

4) $\frac{7}{9}$

4. The clock face shows the time on Mrs Lim's watch. Her watch is half an hour slow. What is the actual time?



1) 6.40

2) 7.40

3) 8.40

4) 9.40

5. Arrange the following fractions in order, beginning with the smallest.

$$\frac{1}{2}, \quad \frac{2}{5}, \quad \frac{1}{10}$$

1) $\frac{1}{10}, \frac{2}{5}, \frac{1}{2}$

2) $\frac{2}{5}, \frac{1}{2}, \frac{1}{10}$

3) $\frac{1}{2}, \frac{2}{5}, \frac{1}{10}$

4) $\frac{1}{2}, \frac{1}{10}, \frac{2}{5}$

6. $8 \times 2 = 2 + 2 + 2 + ____$

1) 6

2) 8

3) 10

4) 16

7. How many tens are there altogether in the product of 8 and 65?

1) 520

2) 480

3) 73

4) 52

8. Bill fell asleep at 10.25 p.m. He woke up at 6.35 a.m. How long did he sleep?

1) 8 h 10 min

2) 7 h 50 min

3) 7 h 10 min

4) 6 h 50 min

9. Which one of the following statements is true?

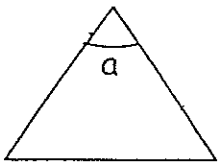


Figure W

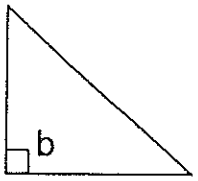


Figure Y

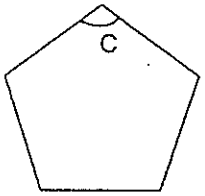


Figure Z

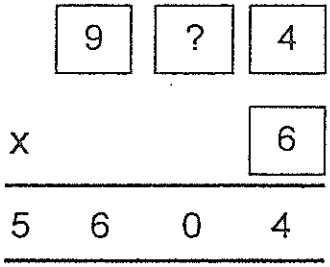
1) Figure Z has four angles.
2) Figure W and Z have no right angles.
3) Angle b is smaller than angles a and c.
4) Angle c is smaller than a right angle.

10. Complete the number pattern below.

2940, 2915 , _____, 2865 , 2840

1) 2880
2) 2885
3) 2890
4) 2895

11. Find the missing digit in the box. What is the missing digit?



1) 0

2) 5

3) 3

4) 4

12. Rulers were sold at 65¢ each. After buying 7 rulers, Betty had $4.20 left. How much money did she have at first?

1) $8.75

2) $8.45

3) $4.55

4) $4.25

13. May bought some sweets. When she packed them into bags of 7, she had no sweets left. When she packed them into bags of 8, she also had none left. How many sweets did she buy?

1) 104

2) 112

3) 161

4) 200

14. In the figure below, how many angles are smaller than a right angle ?

1) 1

2) 2

3) 3

4) 4

15. What is the sum of the smallest 4-digit number and the greatest 3-digit number?

1) 9999

2) 8999

3) 2000

4) 1999

- END OF BOOKLET A -

Name: _____ ( )

Class : Primary 3 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 3 Mathematics

2014 Semestral Assessment Two

Booklet B

28 October 2014

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.

Section B: (15 x 2 marks)

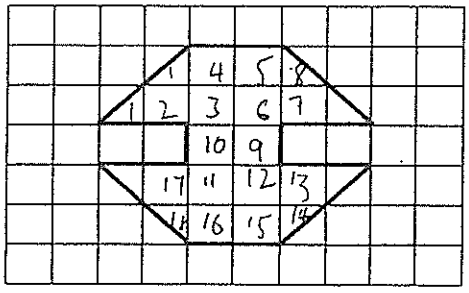
Write down your answers in the spaces provided. For questions which require units, give your answers in the units stated. Show all workings clearly.

Do not write in this space

16. When a number is divided by 8, the quotient is 68 and the remainder is 4. What is the number?

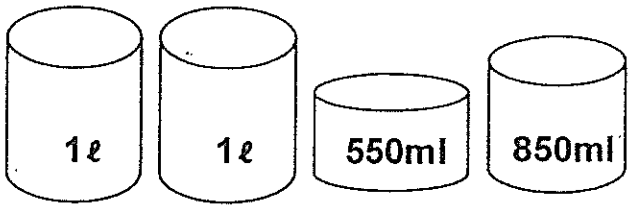
Ans : _____

17. The figure below is made up of 1-unit squares. What is the area of the whole figure?



Ans : _____ square units

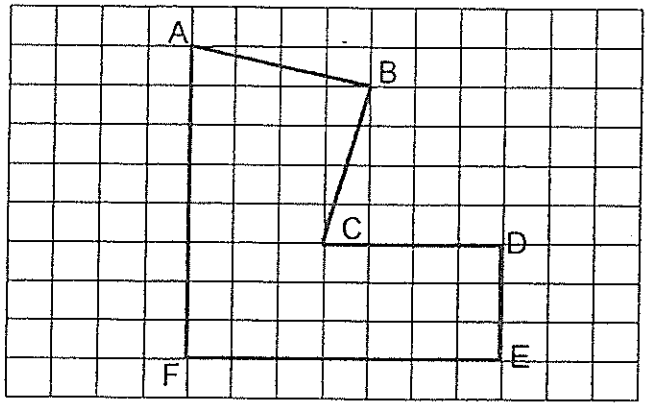
18. Find the total capacity of the four containers.



Ans : _____ ℓ _____ mℓ

Study the figure below carefully and answer questions 19 and 20.

Do not write in this space



19. Name a pair of parallel lines.

Ans : _____ and _____

20. Name a pair of perpendicular lines.

Ans : _____ and _____

21. Nancy went to the zoo and saw different types of animals. The picture graph below shows the number of each type of animal she saw.

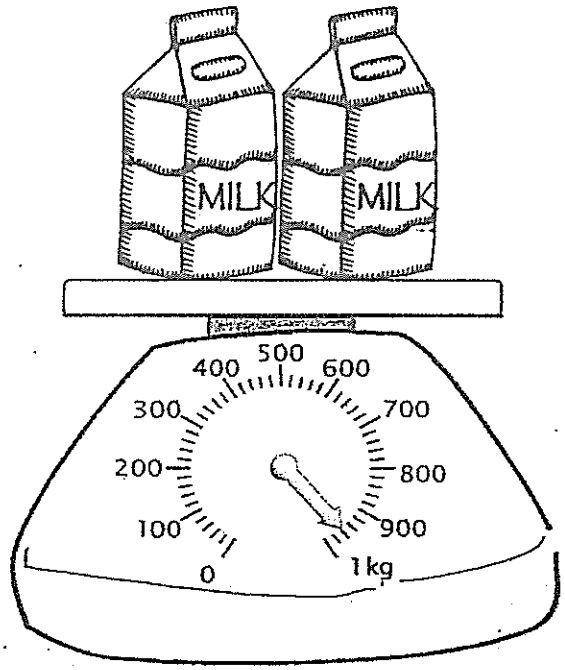
Goats	● ● ● ●	36
Chickens	● ● ● ● ● ●	?
Each ● stands for 9 animals		

She accidentally spilled ink on a part of the graph. How many chickens did she see?

Ans : _____

22. What is the mass of **1 packet** of milk?

Do not write in this space



Ans : _____ g

23. There are twice as many boys as girls at an exhibition. There are 2708 fewer girls than boys. How many children are there in all?

Ans : _____

24. Last weekend, **Mr Lin, Mrs Lin and their child** visited a museum. The prices of the admission fees are as follows:

Do not write in this space

Admission Fee
$ 3.00 per child
$ 3.70 per adult

Mr Lin paid $50. How much change did he receive?

Ans : $ _____

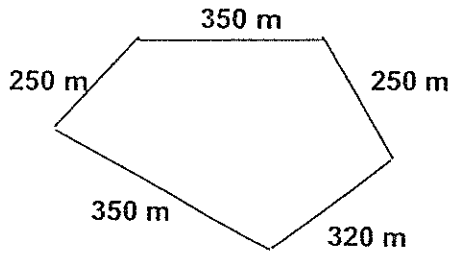
25. The length of a rectangular field is twice its breadth. The length of the field is 16 m. What is the area of the field?

Ans : _____ m^2

26. Mohan had 9 word problems to complete for his Mathematics worksheet. He took 5 min for each word problem. Then he read for 1 h 15 min. If he started doing the worksheet at 10.30 a.m., at what time did he finish reading?

Ans : _____ p.m.

27. Find the perimeter of the following figure.



Ans : _____ m

28. Minah wants to decorate all the sides of a square picture frame with ribbon. The length of each side of the frame is 36 cm. The cost of every 9 cm of ribbon is $2. How much does it cost to buy ribbon for all the sides of the frame?

Ans :$ _____

Do not write in this space

29. Shane walks to and fro from the train station to his school from Monday to Friday. The distance from the train station to the school is 872m. What is the total distance that he walks from Monday to Friday?

Do not write in this space

Ans : _____ m

30. Susan baked some cookies. She sold 780 cookies to Karen. She sold 250 more cookies to Tom than to Karen. Then she had 2600 cookies left. How many cookies did she bake?

Ans : _____

Section C: (20 marks)

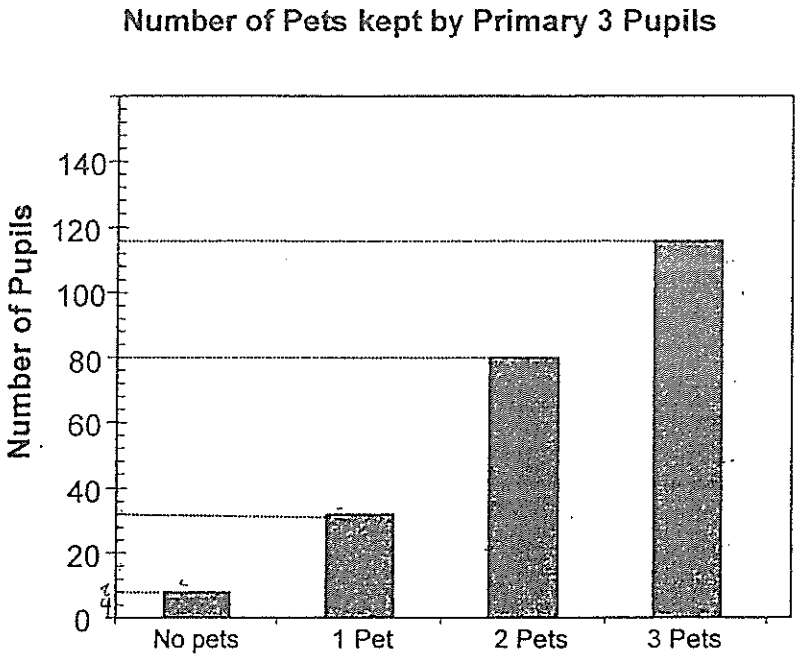
Do not write in this space

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. **(50 marks)**

31. Mrs Sng is 25 years older than her son. Mr Sng is 6 years older than Mrs Sng. Their son is 5 years old now. How old will Mr Sng be when their son is 20 years old?

Ans : _____ [4]

32. The bar graph shows the number of pets kept by Primary 3 pupils in a school.



(a) How many Primary 3 pupils are there altogether in the school?

(b) What is the total number of pets kept by all the pupils?

Ans : (a) _____ [1]

(b) _____ [2]

33. Sammy saved $165 a month. At the end of the 6th month, he gave all the savings to his wife and his two parents. How much did each of them receive?

Do not write in this space

Ans : _____ [3]

34. Yanhua collected 752 stamps. Peiwen collected 232 stamps. How many stamps must Yanhua give to Peiwen so that both of them will have the same number of stamps?

Do not write in this space

Ans : _____ [3]

35. Ben has only $5 and $2 notes. He has a total of 38 notes. The total amount he has is $142. How many $2 notes does he have?

Do not write in this space

Ans : _____ [4]

36. Jon ate $\frac{7}{12}$ of a pizza. Bob ate $\frac{1}{12}$ of the same pizza. Dan ate $\frac{1}{6}$ of the same pizza. What fraction of the pizza was left? Leave your answer in the simplest form.

Do not write in this space

Ans : _____ [3]

END OF PAPER

YEAR: 2014
LEVEL: P3
SCHOOL: CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)
SUBJECT: MATHEMATICS
SEMESTER: SA2

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

Q11	Q12	Q13	Q14	Q15					
3	1	2	2	4					

16) 548
17) 18 square units
18) 3 litres 400 ml
19) FE and CD
20) AF and FE
21) 9
22) 480 g
23) 8124
24) $39.60
25) 128 m^2
26) 12.30 p.m.
27) 1520 m
28) $32
29) 8720 m
30) 4410
31) Mrs Sng's current age
→25+5=30 years old
Mr Sng's current age
→30+6=36 years old
15 years later,
Mr Sng's age
→36+15=51 years old
Ans: 51 years old
32) a) 116+80+32+8=236
Ans: 236 pupils
b) 31x1=31
80x2=160
116x3=348
348+160+32 = 540

Ans: 540 pets

33) $165x6=$990

$990÷3=$330

Ans: $330

34) 752+232=984

984÷2=492

492-232=260

Ans: 260 stamps

35) If Ben had only $5 notes,

Total amount→ $5x38=$190

Difference between the total amounts → $190-$142=$48

$5-$2=$3

Amount of $2 notes→48÷3=16

Ans: 16

36) 1-7/12=5/12

5/12-1/12=4/12

4/12-1/6=4/12-2/12

=2/12

=1/6

Ans: 1/6

HENRY PARK PRIMARY SCHOOL
2014 SEMESTRAL EXAMINATION 2
MATHEMATICS
PRIMARY 3

Name: _____ ( ) Parent's Signature

Class: Primary 3_____ _____

Duration of Paper: 1 h 45 min

Marks:

Section A (MCQ)	40
Section B (Open-Ended)	40
Section C (Problem Sums)	20
Total	100

Section A: Multiple Choice Questions (20 x 2 marks = 40 marks)
Choose the correct answer and write its number in the brackets provided.
You are required to shade the correct oval of your answer (1, 2, 3 or 4) in the Optical Answer Sheet (OAS) provided.

1. Which numeral has the digit **6** in its hundreds place?

(1) 2679
(2) 2769
(3) 6297
(4) 7926 ( )

2. What is the value of the digit **8** in 3481?

(1) 8
(2) 80
(3) 800
(4) 8000 ( )

3. Add 1987 to 4015.

(1) 5002
(2) 5902
(3) 5992
(4) 6002 ( )

4. \$36.10 – \$29.25 = ?

(1) \$5.75
(2) \$6.85
(3) \$6.95
(4) \$7.25 ( )

5. Express 5 ℓ 20 $m\ell$ in millilitres.

(1) 520 $m\ell$
(2) 5002 $m\ell$
(3) 5020 $m\ell$
(4) 5200 $m\ell$ ( )

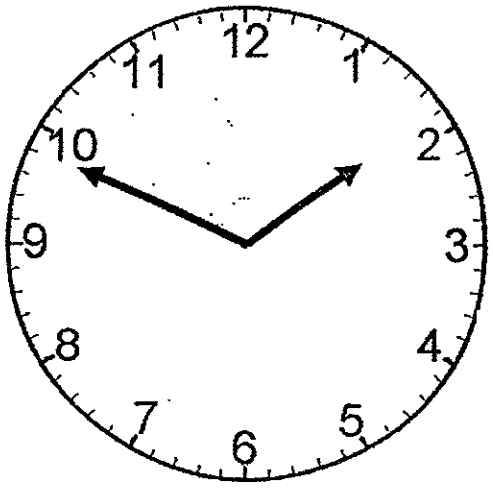
6. What is the missing numerator?

$$\frac{2}{3} = \frac{\boxed{?}}{12}$$

(1) 11
(2) 8
(3) 6
(4) 4

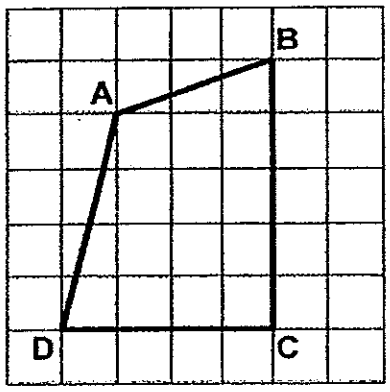
( )

7. What is the time shown on the clock below?



(1) 11 minutes to 2 o'clock
(2) 11 minutes past 2 o'clock
(3) 49 minutes to 2 o'clock
(4) 49 minutes past 2 o'clock ( )

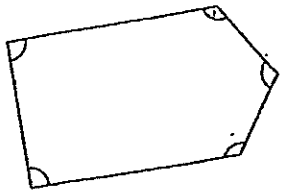
8. Name the pair of perpendicular lines in the figure below.



(1) AB ⊥ BC
(2) BC ⊥ CD
(3) CD ⊥ DA
(4) DA ⊥ AB

( )

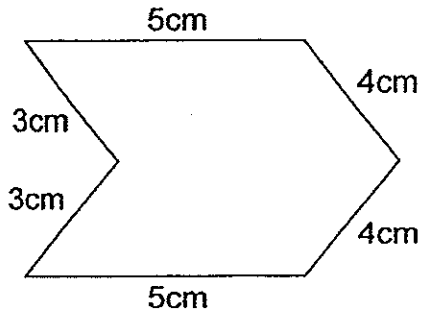
9. In the figure shown below, how many of the marked angles are greater than a right angle?



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

( )

10. Find the perimeter of the figure below.



(1) 19 cm
(2) 20 cm
(3) 21 cm
(4) 24 cm

( )

11. Which of the following is the smallest <u>even</u> number?

(1) 1013
(2) 1590
(3) 1805
(4) 1952

( )

12. The sum of two numbers is 2517.
One of the numbers is 802.
What is the difference between the two numbers?

(1) 913
(2) 1113
(3) 1513
(4) 1715

( )

13. Mei Mei bought 45 stickers. She put all of them equally into 7 groups and had some stickers left. How many stickers had Mei Mei left?

(1) 1
(2) 2
(3) 3
(4) 6 ( )

14. David gave 7 pencils to each of his 9 friends. He had 4 pencils left. How many pencils did he have at first?

(1) 28
(2) 43
(3) 63
(4) 67 ( )

15. A comic book cost $9.35. A storybook cost $4.65 more than the comic book. Ramana bought the storybook and paid with a $20 note. How much change did he receive?

(1) $6.00
(2) $10.65
(3) $14.00
(4) $15.35 ( )

16. Dennis bought a birthday cake at $26 and a card for $2.80. He had $12.20 left. How much did Dennis have at first?

(1) $30.00
(2) $31.00
(3) $40.00
(4) $41.00 ( )

17. Rohan is 103 cm tall. His sister is 25 cm shorter than him.
What is their total height?

(1) 128 cm
(2) 181 cm
(3) 225 cm
(4) 231 cm ( )

18. Irene and Ken shared a cake for tea.
Irene ate $\frac{5}{8}$ of the cake while Ken ate $\frac{1}{4}$ of it.
What fraction of the cake was left?

(1) $\frac{1}{8}$

(2) $\frac{3}{4}$

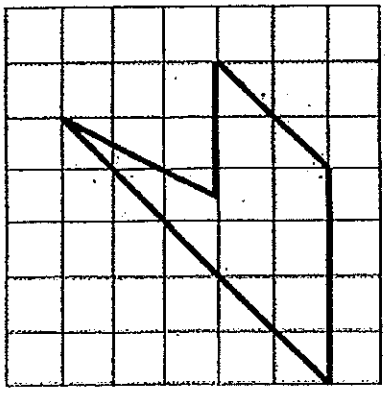
(3) $\frac{3}{8}$ ( )

(4) $\frac{7}{8}$

19. Mrs Lim completed a puzzle at 5.45 p.m.
She took 3 h 15 min to complete it.
At what time did she start working on the puzzle?

(1) 2.30 p.m.
(2) 3.00 p.m.
(3) 3.30 p.m.
(4) 9.00 p.m. ( )

20. How many pair(s) of parallel lines are there in the figure below?



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

(Go on to Section B)

NAME: _____

CLASS: Primary 3_____

Section B: Open-Ended Questions (20 x 2 marks = 40 marks)
Read the following questions carefully and write your answers in the boxes provided. Show all your workings clearly.

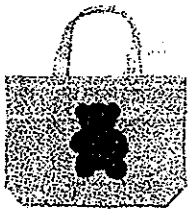
21. Write two thousand and fifty-four in figures.

22. What number is 2 tens more than 3095?

23. Find the sum of $40.25 and $19.90.

$

24. Arrange Bags A, B, C and D in order of their mass, beginning with the **lightest**.



Bag A

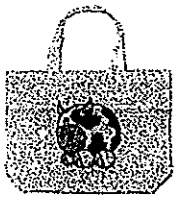
2 kg 3 g

Bag B

1800 g

Bag C

2030 g



Bag D

1 kg 80 g

Bag _____, Bag _____, Bag _____, Bag _____

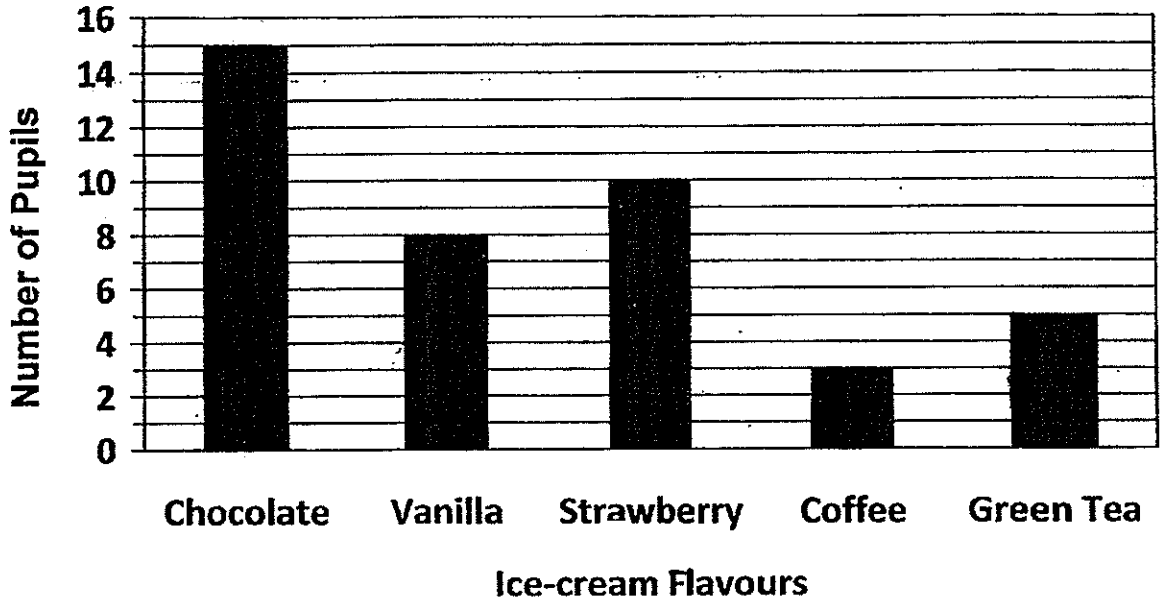
Lightest

25. Add $\frac{5}{12}$ and $\frac{1}{3}$. Express your answer as a fraction in its simplest form.

26. Express 265 minutes in hours and minutes.

_____ h _____ min

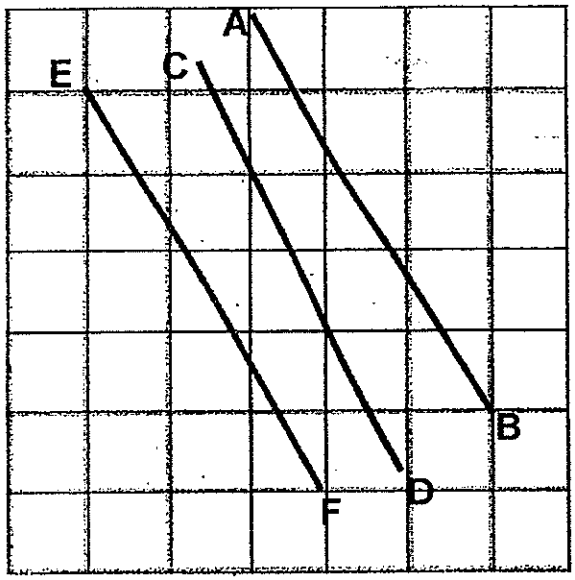
27. The bar graph below shows the different ice-cream flavours that pupils from class 3J prefer.



(a) Which ice-cream flavor do most pupils like?

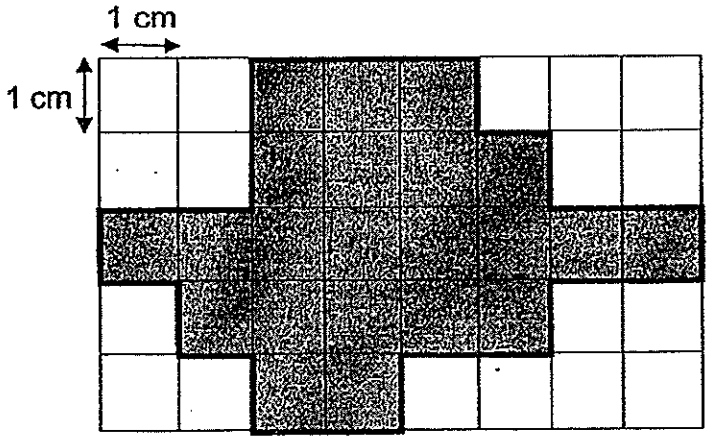
(b) What is the total number of pupils who like vanilla ice-cream and green tea ice-cream?

28. Name the pair of parallel lines in the figure below.



//

29. The figure below is made up of 1-cm squares. Find the area of the figure below.



cm^2

30. Mr Cheng made 7800 fishballs. He sold 3975 fishballs in the morning and 2015 fishballs in the afternoon. How many fishballs were not sold at the end of the day?

31. Fatimah baked 99 tarts. She kept 15 tarts for herself and gave the remaining tarts to her friends. Each of her friends received 7 tarts. How many friends did Fatimah give her tarts to?

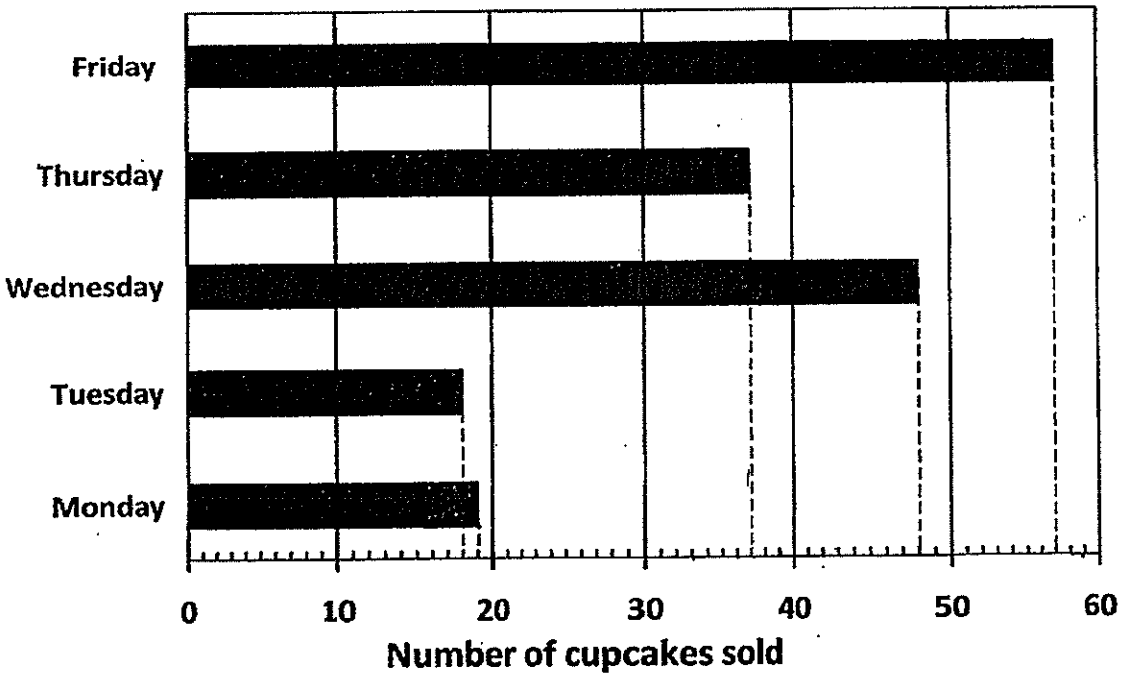
32. A wallet costs $29.95. A key pouch costs $3.90 less than the wallet. What is the total cost of the two items?

$

33. A jug can hold 3000 *mℓ* of water. Jenny poured 450 *mℓ* of rose syrup and 800 *mℓ* of water into the jug. How much more water should be added to the jug to fill it completely?

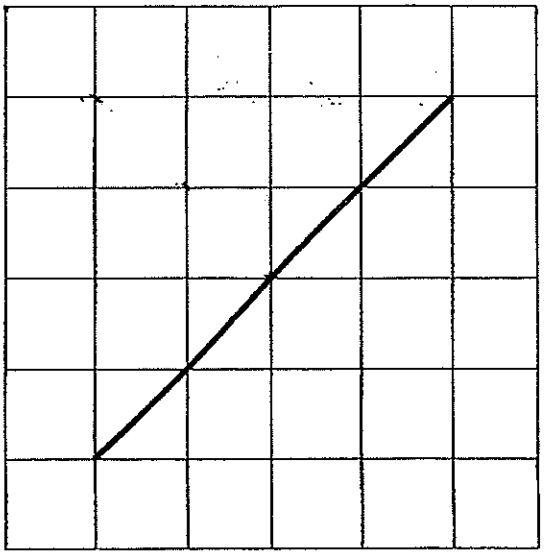
mℓ

34. The bar graph below shows the number of cupcakes sold in a week at Martha's bakery.



How many more cupcakes were sold on Friday than on Monday?

35. Use a ruler to draw a line that is perpendicular to the given line below.



36. Find the perimeter of a rectangular pool of length 36 m and breadth 18 m.

m

37. Emily has 5317 beads. 1438 of the beads are red and the rest are green. How many fewer red beads than green beads does Emily have?

38. Bala has 157 marbles. Wei Ming has 5 times as many marbles as Bala. How many marbles do they have althogether?

39. Felicia and Jian Gang spent a total of $94.50 at a book fair. Felicia spent $26.50 more than Jian Gang. How much did Jian Gang spend?

$

40. Mrs Wong had a ribbon that was 4 m long. She gave away 15 cm and cut the rest of the ribbon into 7 equal pieces. What was the length of each piece of cut ribbon?

cm

Section C: Problem Sums (5 x 4 marks = 20 marks)

Read the problem sums carefully before solving it.
Show all your working clearly.

41. A fruit seller bought 6 boxes of oranges. Each box contained 180 oranges. He repacked the oranges into bags of 8. How many bags of oranges did the fruit seller have after repacking?

Working

42. Suresh had $100. He spent $12.55 on a toy car and $49.90 on a train set. How much had Suresh left?

Working

43. Mr Lim bought 519 g of sugar. He bought thrice as much flour as sugar. How much more flour than sugar did Mr Lim buy? Write your answer in kilograms and grams.

Working

44. Brandon had 3712 stamps. Carol had 405 fewer stamps than Brandon. How many stamps did they have altogether?

Working

45. Hisham and Melissa had 876 cards. Melissa had twice as many cards as Hisham. How many cards should Melissa give Hisham so that both of them have the same number of cards?

Working

-END OF PAPER-

Setters:

Mdm Oh Seow Wei

Miss Tan Shi Qi

Mrs Teo- Loh Sheau Mei

Year: 2014

Level: Primary 3 Henry Park

School:

Subject: Math

Semester: SA2

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

Section B

Q21) 2054

Q22) 3115

Q23) $60.15

Q24) Bag D,Bag B,Bag A,Bag C

Q25) 3/4

Q26) 4h25min

Q27a) Chocolate

Q27b) 13

Q28) EF//AB

Q29) 22cm²

Q30) 1810 fishballs

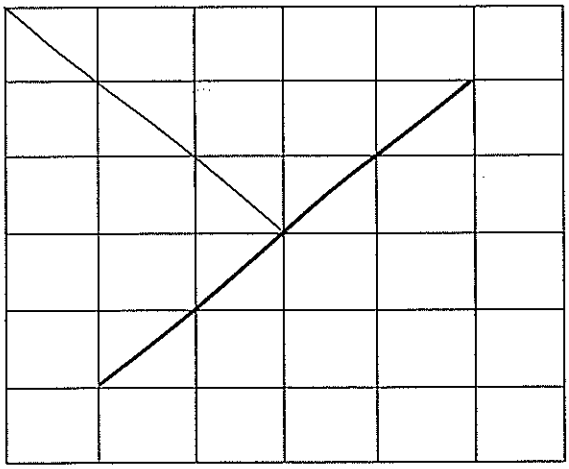
Q31) 12 friends

Q32) $56

Q33) 1750ml

Q34) 38 cupcakes

Q35)



Q36) 108m

Q37) 2441

Q38) 942 marbles

Q39) $34

Q40) 55cm

Section C

Q41) 180×6=1080

1080÷8=135

The fruit seller has 135 bags of oranges after repacking.

Q42) $49.90+$12.55=$62.45

$100.00-$62.45=$37.55

Suresh has $37.55 left.

Q43) Flour=519g×3=1557g

Difference=1557g-519g=1038g

Mr Lim bought 1kg38g more flour than sugar.

Q43) Brandon=3712

Carol=3712-405=3307

Total=3712+3307=7019

They had 7019 stamps altogether.

Q45) 876÷3=292

Melissa=292×2=584

584-292=292

292÷2=146

Melissa should give Hisham 146 cards.

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

END-OF-YEAR EXAMINATION 2014
PRIMARY 3
MATHEMATICS

(BOOKLET A)

Total Time: 1 h 45 min

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Shade your answers in the Optical Answer Sheet (OAS) provided.

Name: _____ ( )

Class: Primary 3. _____

Date: 28 October 2014

This booklet consists of 7 printed pages including this page.

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. (40 marks)

---

1 10 m 4 cm = _____cm

(1) 14

(2) 104

(3) 1004

(4) 1040

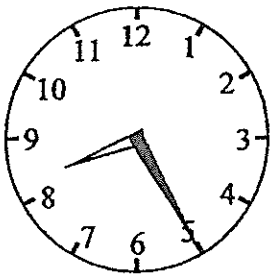
2 Divide 336 by 9. The quotient is _____.

(1) 3
(2) 6
(3) 37
(4) 156

3 9 x 6 = 100 – _____

(1) 44
(2) 46
(3) 54
(4) 56

4 The clock shown here is 35 minutes slower. What is the actual time?



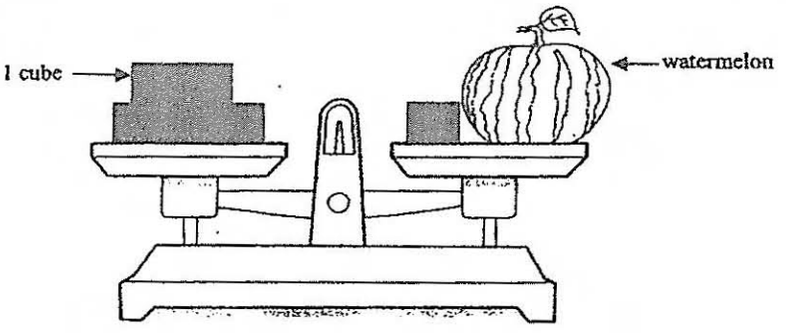
(1) 7.50
(2) 8.25
(3) 8.35
(4) 9.00

(Go to the next page)

5 A bookseller could pack only 7 books into one box. What is the least number of boxes he needs to pack 200 such books?

(1) 27
(2) 28
(3) 29
(4) 30

6 All the cubes placed on the weighing scale as shown below are identical. The total mass of the 5 cubes is 985 g. What is the mass of the watermelon?



(1) 197 g
(2) 788 g
(3) 985 g
(4) 1182 g

7 A field has a perimeter of 400 m. Its breadth is 60 m. What is its length?

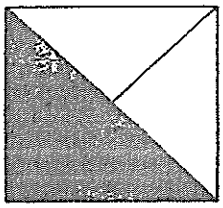
(1) 140 m
(2) 170 m
(3) 280 m
(4) 340 m

8 Elizabeth watched a movie that lasted 1 h 50 min. The movie ended at 1.40 p.m. What time did the movie start?

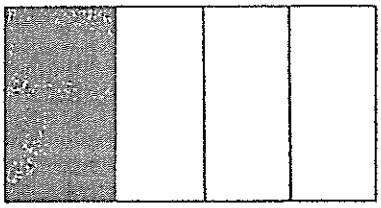
(1) 11.50 a.m.
(2) 11.50 p.m.
(3) 12.10 a.m.
(4) 12.10 p.m.

(Go to the next page)

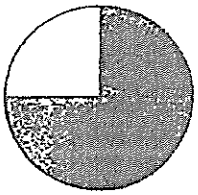
9 Which one of the following figures shows that $\frac{1}{4}$ of it is shaded?



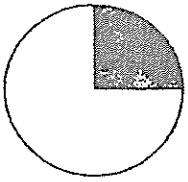
(1)



(2)

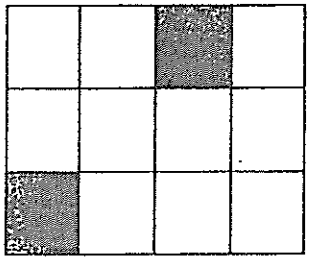


(3)



(4)

10 The figure is made up of 12 identical squares. How many more squares must be shaded so that $\frac{1}{3}$ of the figure is shaded?



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

11 A packet of biscuits costs \$3.50. Wilma has \$22. What is the largest possible number of packets of biscuits that she can buy with her money?

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

(Go to the next page)

12

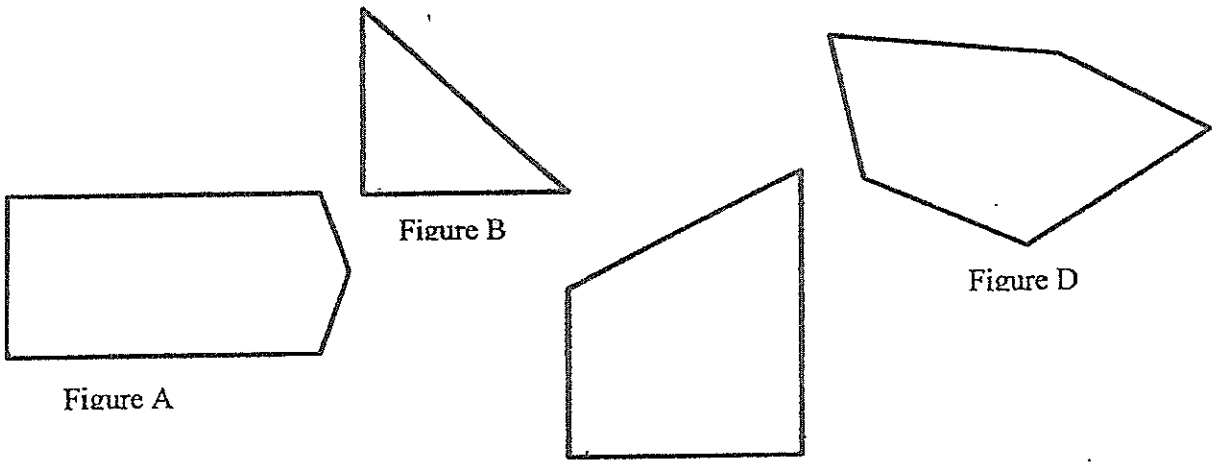


Figure A

Figure B

Figure C

Figure D

Which of the figures above have the same number of right angles inside them?

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

13 $1 - \frac{1}{12} - \frac{1}{6} =$ _____

What is the answer?

(1) $\frac{1}{12}$

(2) $\frac{3}{4}$

(3) $\frac{5}{6}$

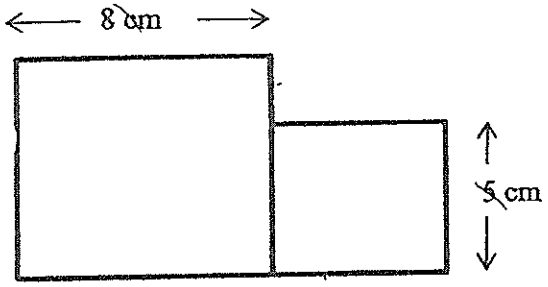
(4) $\frac{11}{12}$

14 At a concert, there were 328 men. There were 276 fewer men than women. The number of men was four times the number of children. How many people were there altogether?

(1) 462
(2) 1 014
(3) 1 692
(4) 2 244

(Go to the next page)

15 The figure shown below is made up of two squares of sides 8 cm and 5 cm. What is the perimeter of the figure?

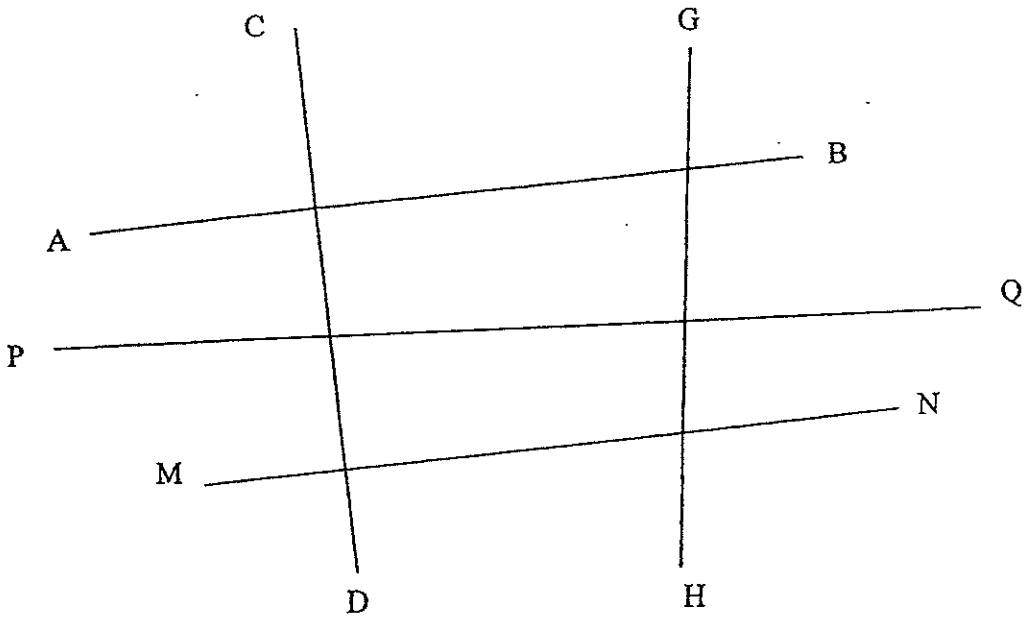


(1) 39 cm
(2) 42 cm
(3) 47 cm
(4) 52 cm

16 The breadth of a rectangle card is 8 cm. Its length is 3 times its breadth. What is the area of the card?

(1) 24 cm^2
(2) 64 cm^2
(3) 88 cm^2
(4) 192 cm^2

17 Which of the following lines in the figure shown below is parallel to AB?



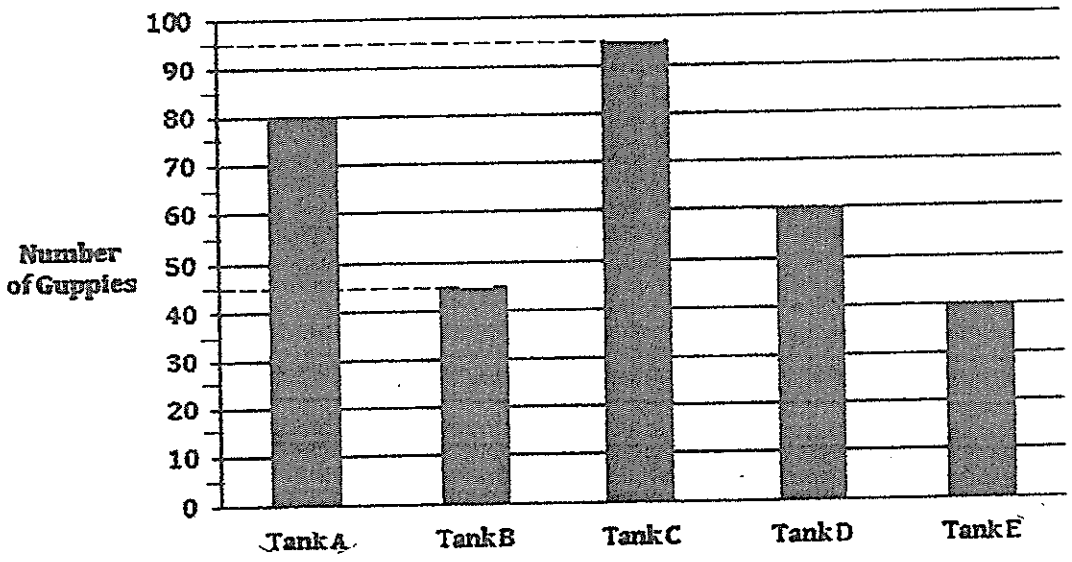
(1) Line CD
(2) Line GH
(3) Line MN
(4) Line PQ

(Go to the next page)

18 Siva poured 7 cups of water into a pail. Each cup could hold 55 mℓ of water. The capacity of the pail was 4ℓ. How much more water is needed to fill up the pail completely?

(1) 385 mℓ
(2) 3 615 mℓ
(3) 4 000 mℓ
(4) 4 385 mℓ

Study the graph below carefully and answer questions 19 and 20.
The graph below shows the number of guppies in 5 tanks.



19 What is the total number of guppies in the 5 tanks?

(1) 280
(2) 310
(3) 320
(4) 330

20 Which two tanks have a total of 120 guppies?

(1) Tank A and Tank B
(2) Tank A and Tank D
(3) Tank A and Tank E
(4) Tank B and Tank C

(Proceed to Booklet B)

Section B
Questions 21 to 40 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. (40 marks)

21 What is the sum of 168 tens and 10 thousands?

Ans: _____

22 The difference between two numbers is 15. The smaller number is 72. What is the bigger number?

Ans: _____

23 Peter had 10 one-dollar coins and 7 fifty-cent coins. How much money did he have altogether?

Ans: $ _____

24 Ben cycled 1 km 780 m from his home to the park and then back home again. What was the total distance Ben cycled?

Ans: ____ km _____ m

(Go on to the next page)

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

END-OF-YEAR EXAMINATION 2014
PRIMARY 3
MATHEMATICS

(BOOKLET B)

Total Time: 1 h 45 min

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: 28 October 2014

Booklet A	/ 40
Booklet B	/ 40
Booklet C	/ 20
TOTAL	/ 100

This booklet consists of 8 printed pages including this page.

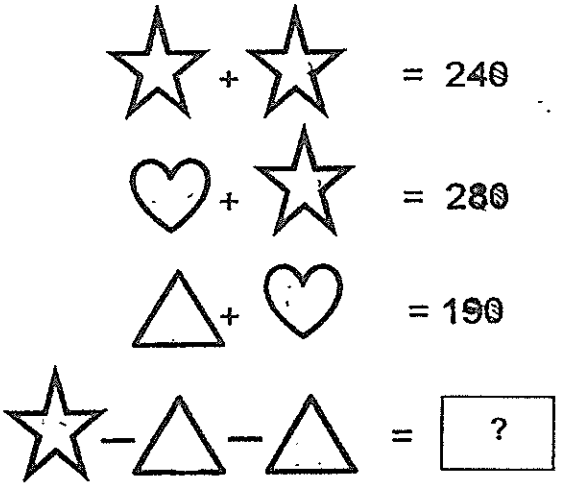
25 Every day, John's mother gives him some money. He spends \$11.70 and saves \$4.30 daily. How much money does his mother give him in one week?

Ans: \$ _____

26 A baker mixed 500g of sugar with 1 kg 600g of flour in a bowl. He divided the mixture equally into 5 cups. How much mixture was there in each cup?

Ans: _____ g

27 Look at the following shapes.



What is the missing number in the box?

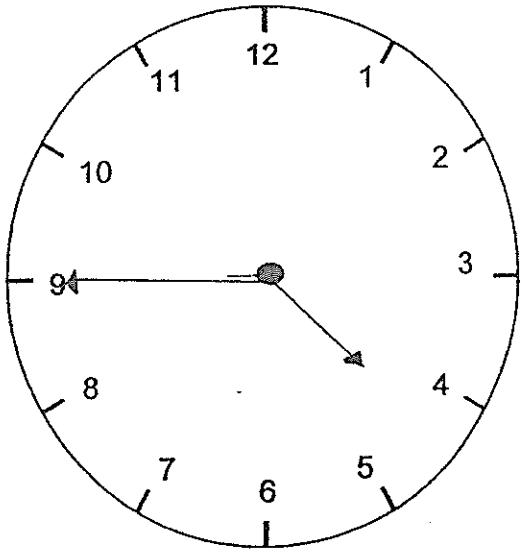
Ans: _____

(Go on to the next page)

28 A cylinder has a capacity of 2 ℓ. Rachel poured 750 mℓ of water into it. How much more water is needed to fill half the cylinder?

Ans: _____ mℓ

29 Draw hands on the face of the clock below to show fifteen minutes to 5 o'clock.



30 Erica bought 1 ℓ of milk. She drank $\frac{1}{4}$ ℓ of it in the morning. She accidentally spilled some milk on the floor and the amount of milk left was $\frac{5}{12}$ ℓ. How much milk did she spill? Express your answer as a fraction in the simplest form.

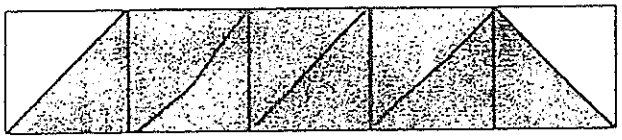
Ans: _____ ℓ

(Go on to the next page)

31 Shona baked 302 muffins. After giving an equal number of muffins to each of her 8 friends, she had 46 muffins left. How many muffins did each of her friends get?

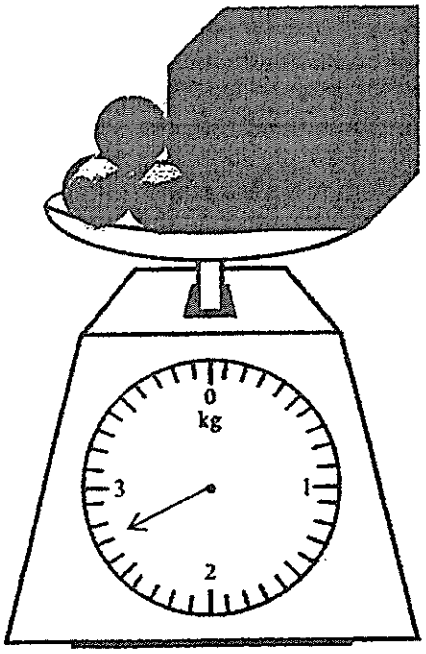
Ans: _____

32 What fraction of the figure shown below is shaded? Express your answer in its simplest form.



Ans: _____

33 The mass of the wooden block is 2kg 406g. What is the mass of each identical ball shown below?



Ans: _____ g

(Go on to the next page)

34 Mother made some burgers for Amelia's birthday.
The graph below shows the number of burgers she made in 4 hours.

(a) Complete the bar graph to show that Mother made 36 burgers in the 4th hour.

4th hour	
3rd hour	○○○○○
2nd hour	○○○○○○
1st hour	○○○
Number of burgers made by Mother in 4 hours	

○ stands for 4 burgers

(b) How many burgers did Mother make altogether?

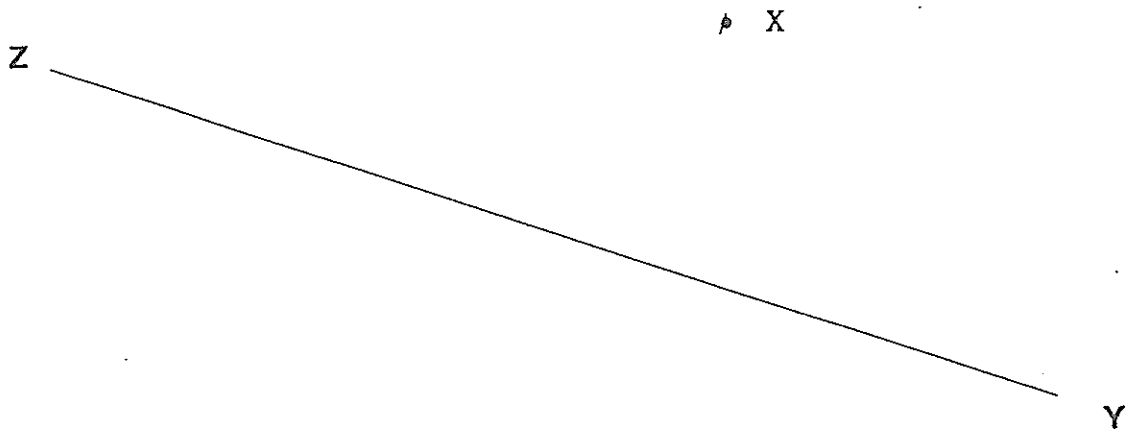
Ans: _____

35 Arrange the following fractions in order, beginning with the smallest.

$\frac{2}{5}$ $\frac{2}{3}$ $\frac{2}{6}$ $\frac{2}{4}$

Ans: _____, _____, _____, _____

36 Draw a line through point X that is **perpendicular** to Line YZ shown below.



37 How many angles inside Figure A shown below are **greater** than a right angle?

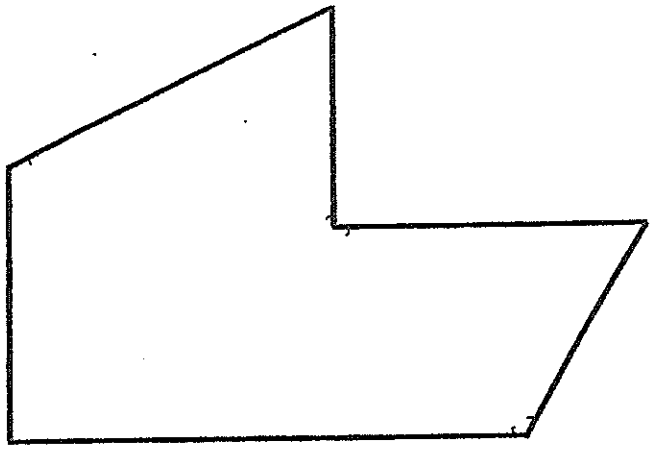


Figure A

Ans: _____

(Go on to the next page)

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887

END-OF-YEAR EXAMINATION 2014
PRIMARY 3
MATHEMATICS

(BOOKLET C)

Total Time: 1 h 45 min

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: 28 October 2014

/ 20

This booklet consists of 6 printed pages including this page.

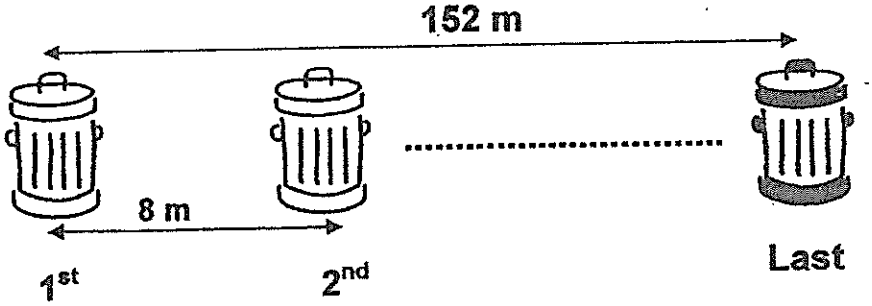
38 Julie started on her homework at 10.50 a.m. She took 1 h to complete her English writing. She took half an hour break before spending another 55 minutes to complete her Mathematics homework. What time did she finish her work?

Ans: _____

39 The perimeter of the square shown below is 24 cm. What is its area?

Ans: _____

40 There are some dustbins along Sparkly Avenue. The dustbins are placed 8 m apart. The distance between the first and the last dustbin is 152 m. How many dustbins are there altogether?



Ans: _____

(Proceed to Booklet C)

Section C

For questions 41 to 45, 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. (20 marks)

---

41 A fruit seller bought 9 boxes of apples. There were 28 apples in each box. He repacked the apples into packets of 10 apples.

(a) How many packets were there?

(b) How many apples were left over?

Ans: (a)_____ [2]

(b) _____ [2]

42 Asmah cut a cake into equal pieces. She gave $\frac{1}{3}$ of the cake to Rosli, $\frac{1}{4}$ of it to Devi and the rest to Mei Ling. [Fractions, C]

(a) What fraction of the cake was given to Mei Ling?

(b) What fraction of the cake did Devi and Mei Ling receive altogether?

Express your answer in the simplest form.

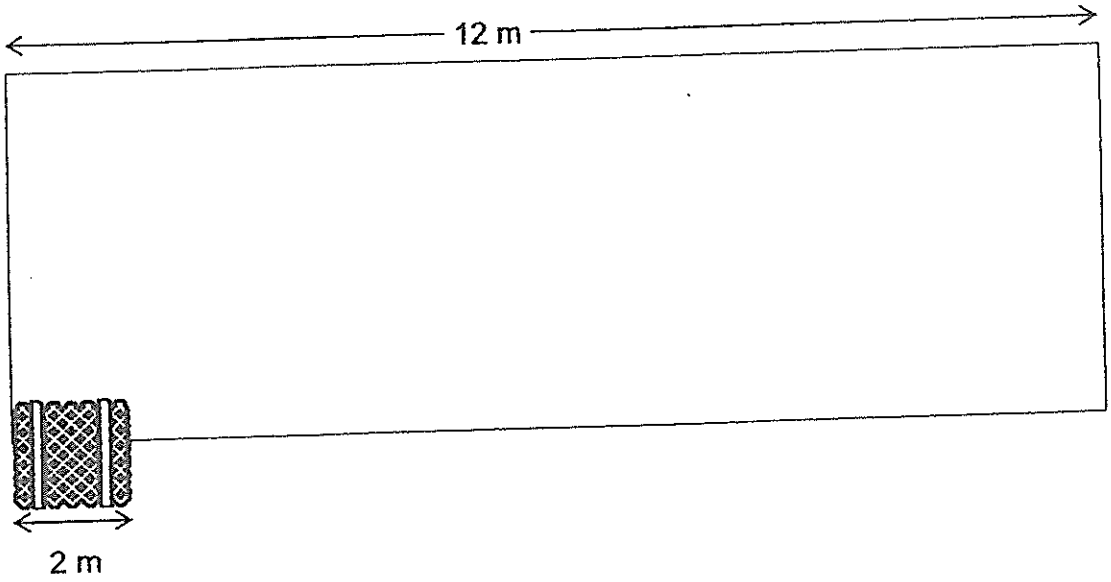
Ans: (a) _____ [2]

(b) _____ [2]

43 The length of a garden is 12 m. Its width is 4 m shorter. Mr Chee wants to put fences around his garden to keep strangers off.

(a) What is the perimeter of Mr Chee's garden?

(b) The length of each set of fencing is 2 m. How much will he have to pay for the fences if each set of fencing costs $85?



Ans: (a) _____ [2]

(b) _____ [2]

44 Cheryl started doing her homework at 3.55 p.m. and completed it at 5.10 p.m. Sue started doing her homework at 2.15 p.m. and completed it at 3.05 p.m.

(a) Who took a longer time to complete her homework?

(b) How much longer did she take?

Ans: (a) _____ [3]

(b) _____ [1]

45 Matthew bought 2 bags, 2 files and 1 pen for $51. Each bag cost 3 times as much as a file. The pen cost $3.

(a) How much did each file cost?

(b) How much did each bag cost?

Ans: (a) _____ [2]

(b) _____ [2]

--End of Paper--

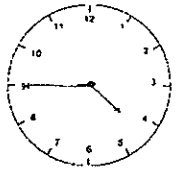
EXAM PAPER 2014
LEVEL : PRIMARY 3
SCHOOL : MGS
SUBJECT : MATHS
TERM : SA2

Section A

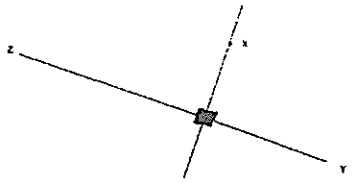
Q1	3	Q5	3	Q9	4	Q13	2	Q17	3
Q2	3	Q6	2	Q10	2	Q14	2	Q18	2
Q3	2	Q7	1	Q11	2	Q15	2	Q19	3
Q4	4	Q8	1	Q12	2	Q16	4	Q20	3

Section B

Q21 11680
Q22 87
Q23 $13.50
Q24 2km 560m
Q25 $112
Q26 420g
Q27 60
Q28 250ml
Q29



Q30 $\frac{1}{3}\ell$
Q31 37 muffins
Q32 $\frac{4}{5}$
Q33 98g
Q34 (a) 4th hour → ○○○○○○○○○
(b) 92 burgers
Q35 $\frac{2}{6}, \frac{2}{5}, \frac{2}{4}, \frac{2}{3}$
Q36



Q37 3
Q38 1.15p.m
Q39 36cm^2
Q40 20 dustbins

Section C

Q41 (a) 28 x 9 = 252
252 ÷ 10 = 25R2
25 packets

(b) **2 apples left**

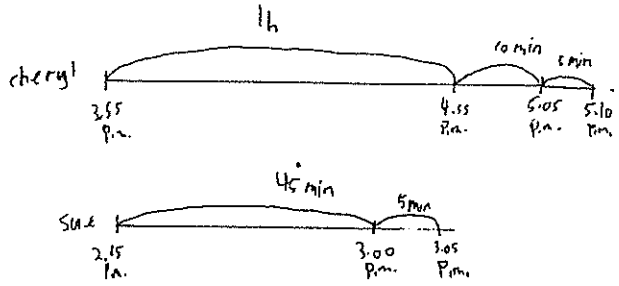
Q42 (a) $\frac{5}{12}$ of the cake was given to Mei Ling.

(b) $\frac{3}{12} + \frac{5}{12} = \frac{8}{12} = \frac{2}{3}$
Mei Ling and Devi received $\frac{2}{3}$

Q43 (a) 12m – 4m = 8m
(12 + 12 + 8 + 8) m = **40m**

(b) 40 ÷ 2 = 20
20 x $85 = **$1700**

Q44



(a) 1h 15min – 50min = 25min
Cheryl took a longer time to complete her work.

(b) She took 25min more than Sue.

Q45 (a) $51 - $3 = $4
$48 ÷ 8 = **$6**

(b)$6 x 3 = **$18**

NAN HUA PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 2 – 2014

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 : 27 October 2014

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 5 861, the digit '8' standas for_____.

   (1) 8
   (2) 80
   (3) 800
   (4) 8 000 ( )

2. 7 thousands and 95 ones is the same as_____.

   (1) 7 950
   (2) 7 905
   (3) 7 590
   (4) 7 095 ( )

3. 2 196 is 10 tens less than _____.

   (1) 2 096
   (2) 2 186
   (3) 2 206
   (4) 2 296 ( )

4. ◈ × ◈ = 9

   72 ÷ ◈ = ✿

   Find the value of ✿

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

5. I think of two numbers. When I muttiply each of them by 7, the two answers are more than 30 but less than 45. What are the two numbers?

(1) 3 and 4
(2) 4 and 7
(3) 5 and 6
(4) 6 and 7 ( )

6. **Mrs Lim baked** 195 chicken pies. She kept 3 chicken pies for herself and distributed the rest equally among 6 friends. How many each friend get?

(1) 32
(2) 33
(3) 63
(4) 65 ( )

7. Which of the following amount of money is the **greatest ?**

(1) 5 fifty-cent coins
(2) 10 twenty-cent coins
(3) 15 ten-cent coins
(4) 25 five-cent coins ( )

8. Which of the following is the **shortest ?**

(1) 2 m 90 cm
(2) 209 cm
(3) 2 009 m
(4) 2 km 90 m ( )

9. Rope A is 85 cm long. It is 55 cm shorter than Rope B.
What is their **total** length?

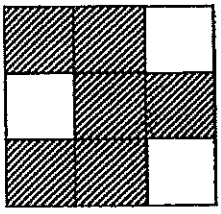
(1) 115 cm
(2) 140 cm
(3) 195 cm
(4) 225 cm ( )

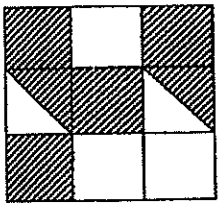
10. Look at the picture below. What is the mass of the pumpkin in grams?

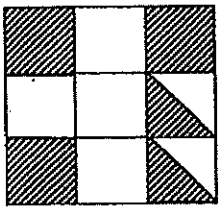
pumpkin
3kg 50g

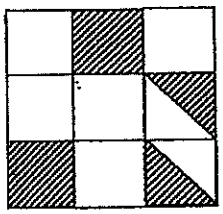
(1) 350 g
(2) 3 005 g
(3) 3 050 g
(4) 3 500 g ( )

11. Which figure below shows $\frac{2}{3}$ **unshaded**?

(1) 

(3) 

(2) 

(4) 

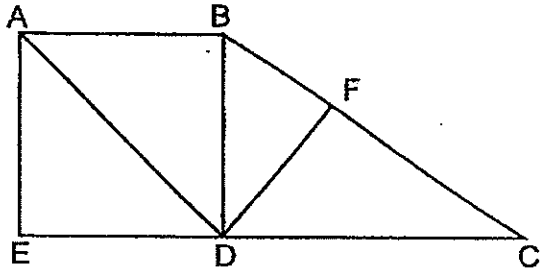
( )

12. Catherine completed her shopping in 2 hours 5 minutes.
Express the time taken in minutes.

(1) 250 min
(2) 205 min
(3) 170 min
(4) 125 min

( )

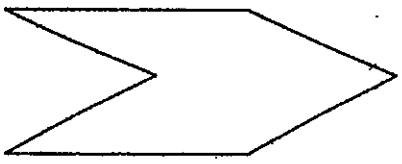
13. In the figure below, which of the following is a pair of perpendicular line?



(1) AE and BD
(2) BD and EC
(3) AB and DF
(4) BC and BD

( )

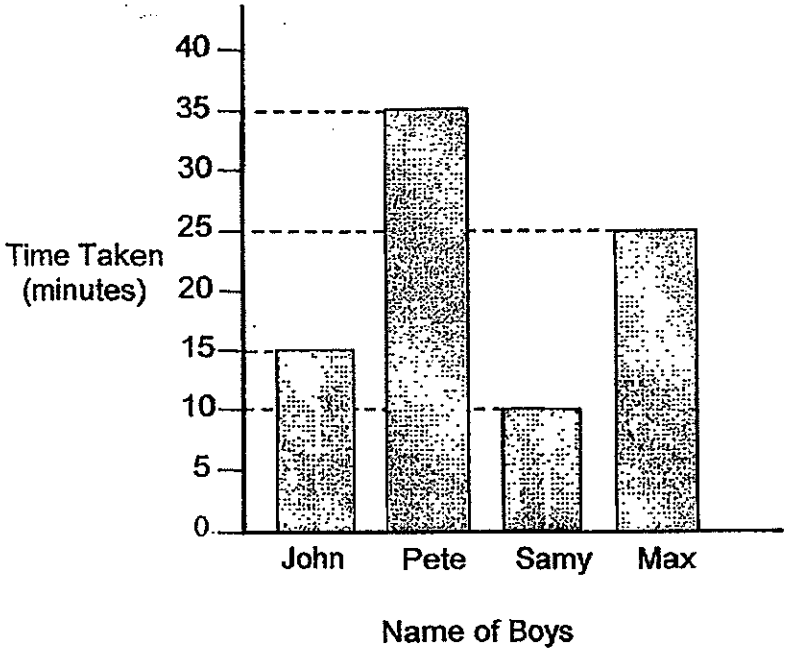
14. How many angles **inside** the figure shown below
are <u>smaller than a right angle</u>?



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

( )

The graph below shows the amount of time 4 boys took to complete a piece of worksheet.



15. Who was the last boy to complete the piece of worksheet?

(1) John
(2) Pete
(3) Samy
(4) Max ( )

Section B: Short Answer Questions (30 marks)

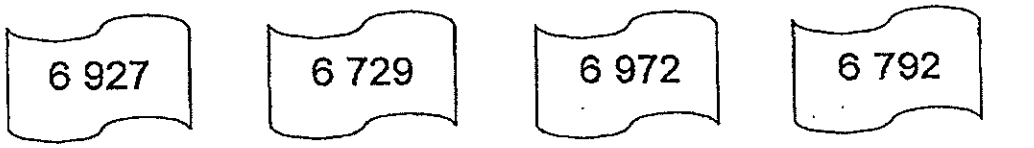
Questions 16 to 25 carry 1 mark each. Questions 26 to 35 carry 2 marks each. For each question, show your workings clearly in the space below and write your answer in the box provided. Give your answer in the unit stated.

---

16. Write 5 394 in **words.**

Ans: _____

17. Arrange these numbers in order. Begin with the greatest number.



Ans: _____ _____ _____ _____

Greatest

18. What is the **product** of 42 and 7 ?

Ans: _____

19. How many **eights** are there in 112 ?

Ans: ____

20. Write $\frac{9}{12}$, in its **simplest form.**

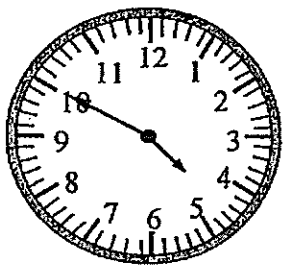
Ans: ____

21. Arrange these fractions in order. Begin with the smallest fraction.

$\frac{1}{2}$, $\frac{7}{8}$, $\frac{1}{4}$ → ____

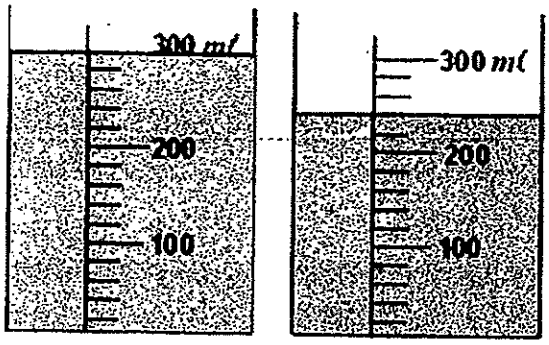
smallest

22. The clock below is 15 minutes **fraster** than the actual time.
What is the actual time?



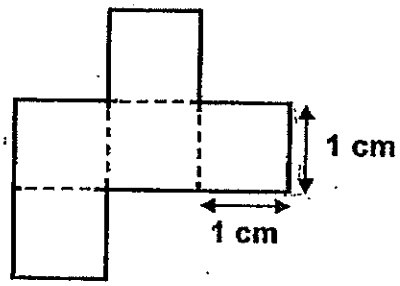
Ans: ____ p.m.

23. What is the total volume of water in the 2 beakers?



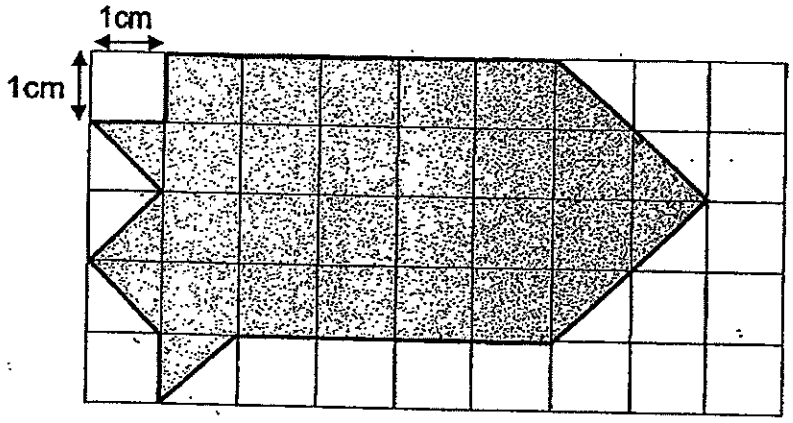
Ans: _____ mℓ

24. The figure below is made up of 1-cm squares.
What is the perimeter of the figure? (The figure is not drawn to scale.)



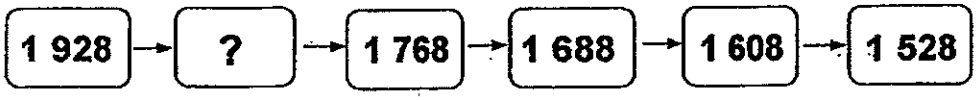
Ans: _____ cm

25. The figure below (not drawn to scale) is made up of 1-cm squares.
Find the area of the shaded figure.



Ans: _____ cm^2

26. **Study the number pattern carefully. Then fill in the missing number.**

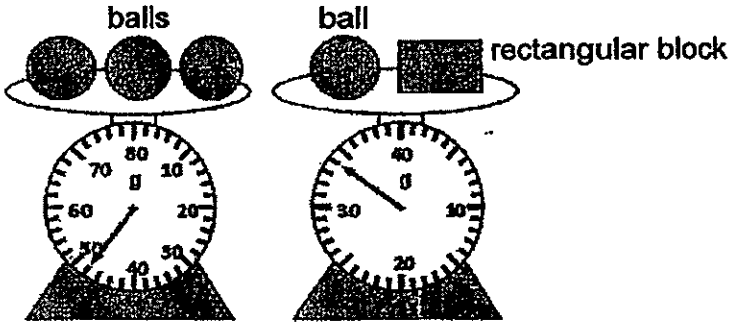


Ans: _____

27. There were 15 rows of chairs in an examination hall. There were 9 chairs in a row. Only 2 chairs were not occupied as there were 2 absentees. How many **pupils were present for the examination on that day?**

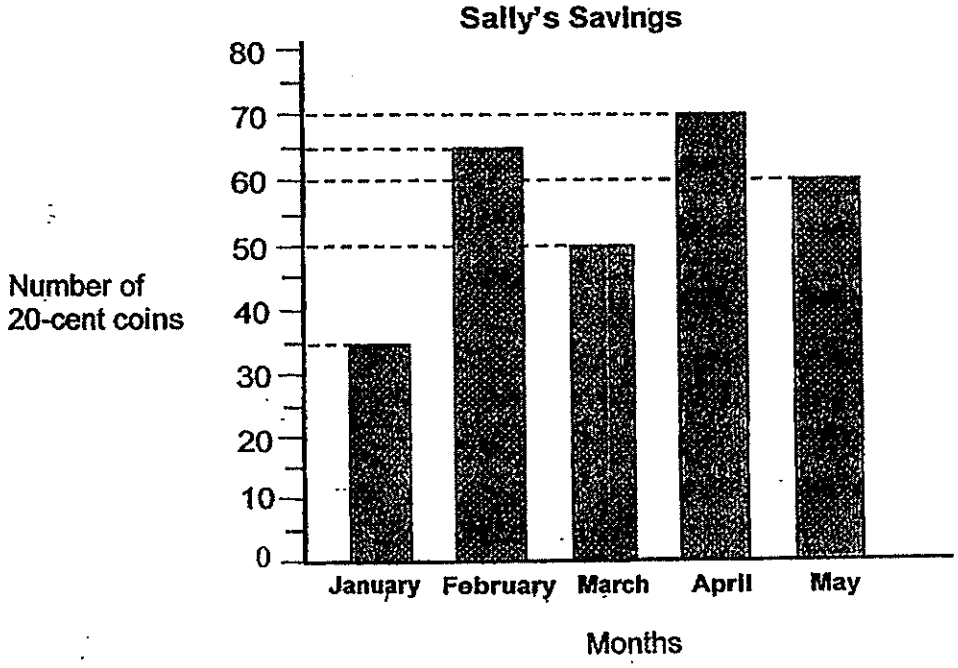
Ans: _____ pupils

28. Study the diagram below. 4 identical balls and 1 rectangular block are placed on different weighing scales. What is the mass of the rectangular block?



Ans: _____ g

The graph below shows the number of 20-cent coins that Sally saved in five months. Study the graph carefully and answer Questions 29 and 30.



29. In which month did Sally save twice as mny 20-cent coins as in January?

Ans: _____

30. How much more money did Sally save in May than in March?

Ans: $ _____

31. Rachelle bougth 1 pizza. She cut the pizza into 10 equal slices.
She give away 8 slices.What fraction of the pizza did she give away?
(Give your answer in the simplest from.)

Ans: ☐

32. Three students worked on their Science project from 11.30 a.m. to 2.15 p.m.
How long did they work on their project?

Ans: ☐ min

33. Mr Tan took 1h 20 min to finish marking a set of books. He finished his marking at 5 p.m. At what time did he start his marking?

Ans: ☐ p m.

34. A basin contained 2 ℓ 700 mℓ of water. Liming used a beaker to scoop some water out of the basin. The capacity of the beaker is 300 mℓ. Liming scooped 2 full beakers of water from the basin, how much water was left in the basin?

Ans: _____ mℓ

35. Figure A below (not drawn to scale) is made up of 6 similar squares and 2 similar rectangles. The perimeter of each square is 8 cm.
What is the area of Figure A ?

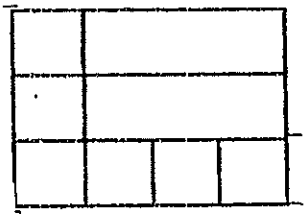


Figure A

Ans: _____ cm^2

Section C: (5 x 4 marks)

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

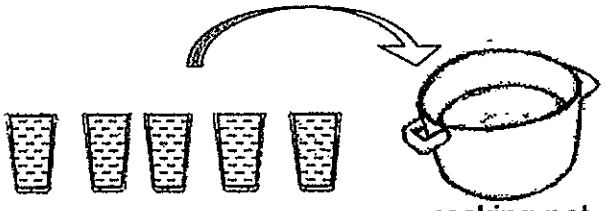
36. Ahmad has 948 stickers. Bala has 254 fewer stickers than Ahmad.

a) How many stickers does Bala have ?
b) How many stickers do the 2 boys have altogether ?

37. Mrs Tan bakes 196 pineapple tarts. She puts all the tarts into boxes.
If each box can only hold 8 tarts, what is the least number of boxes she will need to put all the tarts ?

38. Joel and Ken have $1 230 in their savings. Joel has $450 more than Ken. Lex has three time as much money as Ken. How much money does Lex have?

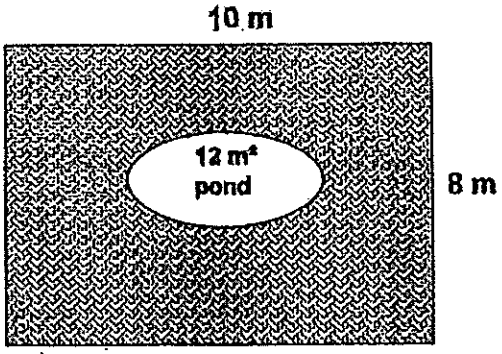
39. Lester had 520 mℓ of water in a cooking pot at first.
He then poured 5 glasses of water into the pot and filled it to brim.
Each glass contained 120 mℓ of water, what was the capacity of the cooking pot ?



40. Mr Teo has a rectangular garden 10 m by 8 m. A mini pond of size 12m^2 is in his garden. the rest of the garden is covered with grass.

a) If the wants to build a fence around his garden, how many metres of fence does he need?

b) Find the area of the garden that is covered with grass.



(The figure is not drawn to scale.)

End-of-paper

Check your work carefully

Year: 2014

Level: Primary 3

School: Nan Hua Primary School

Subject: Mathematics

Semester: SA2

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

Q16) Five thousand, three hundred and ninety-four

Q17) 6972, 6927, 6792, 6729

Q18) 294

Q19) 14

Q20) ¾

Q21) ¼, ½ , 7/8

Q22) 4.35

Q23) 540

Q24) 12

Q25) 26

Q26) 1848

Q27) 133

Q28) 18

Q29) April

Q30) $2.00

Q31) 4/5

Q32) 2 h 45 min

Q33) 3.40

Q34) 2 l 100 ml

Q35) 48

Q36) a) No. of Bala's stickers→948-254=694

Bala has 694 stickers.

b) No. of stickers altogether→948+694=1642

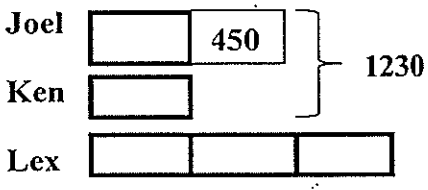
They have 1642 stickers altogether.

Q37) 196÷8=24 R 4

24+1=25

Mrs Tan needed 25 boxes to put all the tarts.

Q38)



1230÷2=615

450÷2=225

615-225=390

390×3=1170

Lex has $1170.

Q39) 120×5=600

600+520=1120

The capacity of the cooking pot is 1 litre 120ml

Q40)a) 10×2=20

8×2=16

20+16=36

He needed 36 m of fence.

b) 10×8=80

80-12=68

The area of the garden covered with grass is 68 m².

NANYANG PRIMARY SCHOOL

SECOND SEMESTRAL EXAMINATION 2014

PRIMARY 3 MATHEMATICS

DURATION: 1 HOUR 45 MINUTES

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

Total: / 100

Name: _____ ( )

Class: Primary 3 ( )

Date: _____

Parent's Signature: _____

Any query on marks awarded should be raised by **7 November 2014**. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delay in the generation of results.

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. What is the value of 5 thousands, 2 hundreds, 7 tens and 3 ones?

(1) 7532
(2) 5273
(3) 3725
(4) 2537

2. Find the sum of 2916 and 4053.

(1) 1137
(2) 2043
(3) 6969
(4) 7969

3. Mrs Chong baked 304 cookies.
She put them equally into 8 bags.
How many cookies were there in each bag?

(1) 38
(2) 43
(3) 1824
(4) 2432

4. Ayu saved $99.45.
Fajar saved $57.65 less than Ayu.
How much did Faiar save?

(1) $41.80
(2) $42.20
(3) $146.00
(4) $157.10

5. Alexander and his friends went running last weekend.
The table below showed the distance that Alexander and his friends ran.
Who ran the furthest distance?

	Distance
Alexander	9783 cm
David	9783 m
Jia Xi	98 m 73 cm
Yew Meng	9 km 83 m

(1) Alexander
(2) David
(3) Jia Xi
(4) Yew Meng

6. Which fraction is equivalent to $\frac{6}{9}$?

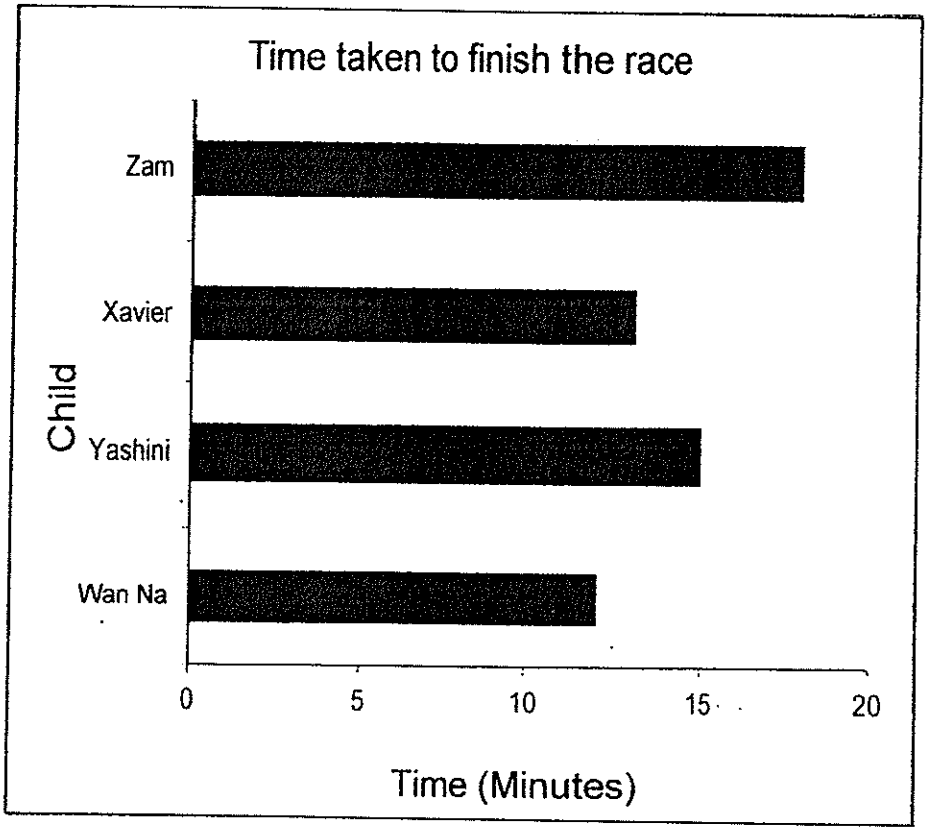
(1) $\frac{1}{9}$
(2) $\frac{1}{3}$
(3) $\frac{3}{6}$
(4) $\frac{2}{3}$

7. What is $\frac{4}{12}$ in its simplest form?

(1) $\frac{1}{3}$ (2) $\frac{1}{12}$

(3) $\frac{2}{6}$ (4) $\frac{4}{4}$

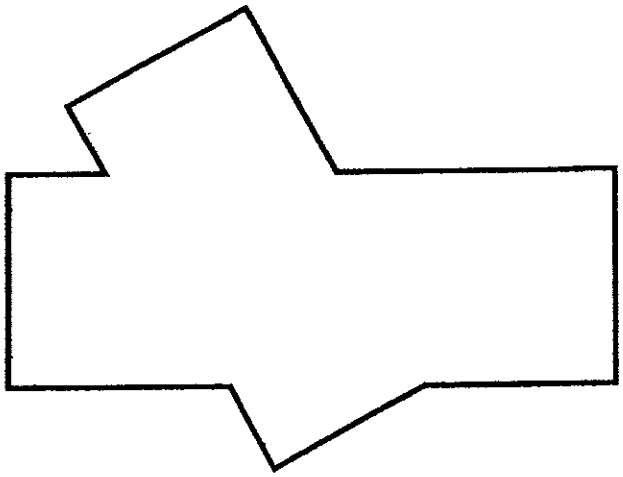
8. Some children took part in a race during Sports Day.
The graph below shows the time each child took to finish the race.



Who was the first to finish the race?

(1) Wan Na (2) Xavier
(3) Yashini (4) Zam

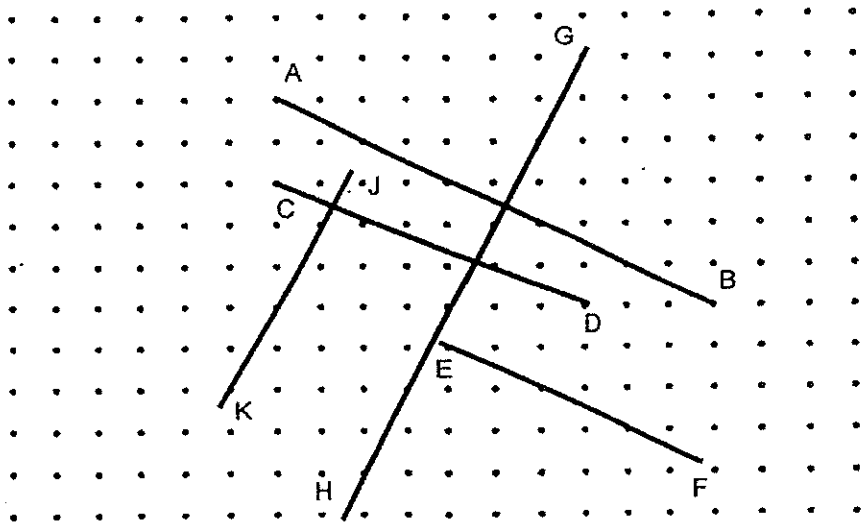
9. The figure below is formed using 2 overlapping rectangles.



How many right angles are there in the figure?

(1) 11
(2) 8
(3) 7
(4) 4

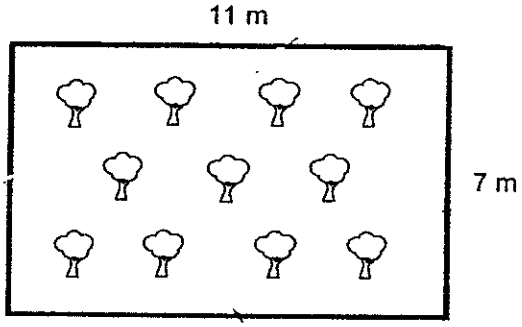
10. Study the lines below.



Name the line that is parallel to line AB.

(1) Line CD
(2) Line EF
(3) Line GH
(4) Line JK

11. The figure below shows a rectangular garden.



What is the perimeter of the garden?

(1) 18 m
(2) 29 m
(3) 36 m
(4) 77 m

12. There are 3172 English books and 1022 Chinese books in a library. What is the difference between the number of English books and Chinese books?

(1) 4194
(2) 2174
(3) 2150
(4) 2050

13. There are 134 sheets of paper in an origami pack. How many pieces of paper are there in 7 such packs?

(1) 938
(2) 931
(3) 728
(4) 718

14. The amount of orange juice a drink dispenser can hold is shown below.

The orange juice in the drink dispenser can fill 3 identical jugs completely.
The orange juice in 1 jug can fill 8 identical cups completely.
Find the capacity of 4 such cups and 1 such jug.
Leave your answers in millilitres.

(1) 1000 ml
(2) 2000 ml
(3) 3000 ml
(4) 6000 ml

15. Miss Seah took 15 minutes to set up her computer.
She took 75 minutes to type a letter and another 15 minutes to edit it.
It was 3.25 p.m. by the time she was done with the letter.
At what time did she start setting up her computer?

(1) 1.40 p.m.
(2) 1.55 p.m.
(3) 2.10 p.m.
(4) 2.20 p.m.

16. Allan spent $3520 in January.
He spent $890 less in February than in January.
How much did he spend for the two months?

(1) $2630
(2) $4410
(3) $6150
(4) $7930

17. Mrs Mok bought 8 packets of chocolates.
Each packet contains 15 chocolates.
She then put all the chocolates equally into 10 baskets.
How many chocolates are there in each basket?

(1) 5
(2) 12
(3) 13
(4) 18

18. Su Yan bought a pen and a book.
The pen costs $14.95.
The book costs $22.40 more than the pen.
She gave the cashier 2 fifty-dollar notes.
How much change did she get back from the cashier?

(1) $37.35
(2) $47.70
(3) $52.30
(4) $58.70

19. The mass of 1 packet of peanuts is 239 g.
The total mass of a box of chocolates and 4 such packets of peanuts is 1 kg 580 g.
What is the mass of the box of chocolates?

(1) 624 g
(2) 956 g
(3) 1341 g
(4) 1436 g

20. Uncle Sam sold 5 *l* 407 ml of sugar cane juice on Friday.
He sold 795 ml more sugar cane juice on Friday than on Saturday.
He sold 495 ml less sugar cane juice on Saturday than on Sunday.
How much sugar cane juice did he sell on Sunday?

(1) 4612 ml
(2) 5107 ml
(3) 5707 ml
(4) 6697 ml

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. For questions which require units, give your answers in the units stated.
(Total: 40 marks)

21. Write the following in numerals.

(a) Two thousand, nine hundred and eighty-nine

Answer : _____

(b) 3 thousands, 47 tens

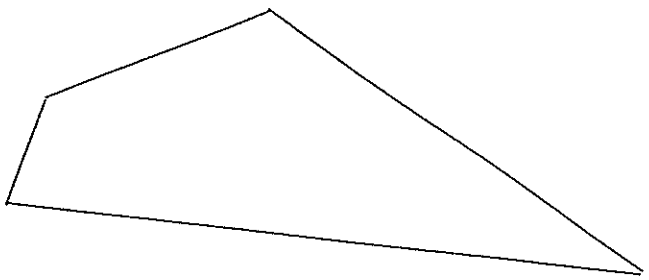
Answer : _____

22. What is the missing numerator?

$$\frac{3}{5} = \frac{\boxed{?}}{10}$$

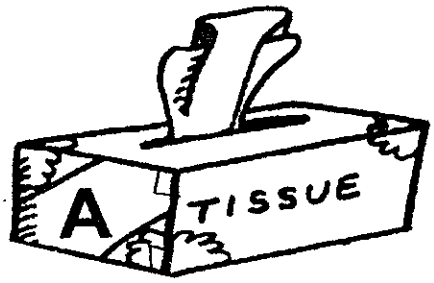
Answer : _____

23. How many angles in the figure are greater than a right angle?



Answer : _____

24. The object below is something that you can find in your home.
It has 6 rectangular faces.
On the side labelled **A**, ~~how many~~ ~~right~~ angles are there?



Answer : _____

25. Arrange the following numbers in **ascending** order.

1202 , 2021 , 1022 , 2210

_____ , _____ , _____ , _____

26. Cedric needs 123 LEGO bricks to build one model car.
He wants to build 6 model cars.
How many LEGO bricks does he need?

Answer : _____

27. A pair of sports shoes costs $38.70.
A badminton racket costs $9.45 more than the pair of sports shoes.
What is the total cost of the pair of sports shoes and the badminton racket?

Answer : $ _____

28. Some girls are standing in a straight line at an equal distance apart.
The distance between the 3rd girl and 4th girl is 125 cm.
Find the distance between the 1st girl and the 9th girl.
Leave your answer in metres.

Answer : _____ m

29. Container N is filled with 6 times as much water as Container K.
Container K is filled with 6 more litres of water than Container L.
The total amount of water in Container L and Container M is equal to the amount of water in Container N.
Container M is filled with 61 *l* of water.
How much water is there in Container K?

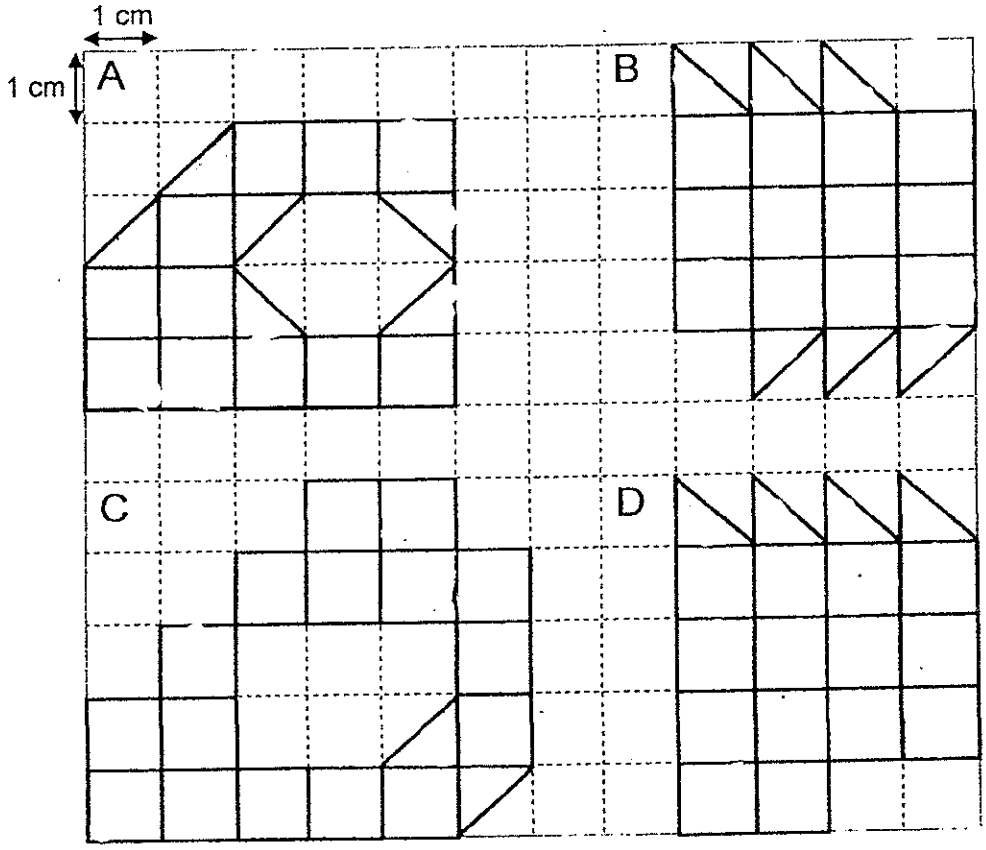
Answer : _____ *l*

30. Arrange the fractions in descending order.

$$\frac{2}{3} \ , \ \frac{1}{2} \ , \ \frac{3}{10} \ , \ \frac{4}{5}$$

_____, _____, _____, _____

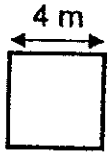
31. These figures are drawn on a 1-cm square grid.



Which 2 figures make up an area of 32 cm^2?

Answer : Figure _____ and _____

32. A wall is covered totally by 2 identical square tiles and 1 rectangle tile as shown below.
The length of the rectangle tile is twice the length of the square tile.
What is the area of the wall?



Square

Rectangle

Answer : _____ m^2

33. Ashley rears 2 hens.
Each hen lays an egg every morning.
After collecting the eggs, Ashley then cooks 5 eggs for her family in the morning.
On 1st June evening, she has 9 eggs.
When will she use up all the eggs she has?

Answer : _____ June

34. Jun Wei wants to hold a party for his classmates in September.
The clues of the date that the party will be held on are:

- The date of the party is divisible by 3.
- The date of the party is not in the 6 times table.
- The sum of the digits of the date is 6.

September 2014						
Sun	**Mon**	**Tue**	**Wed**	**Thu**	**Fri**	**Sat**
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Based on the calendar above, on which date will Jun Wei's party be held?

Answer : _____ September 2014

35. Damien sold 3170 roses and tulips altogether.
1862 of the flowers sold were roses.
How many fewer tulips than roses were sold?

Answer : _____

36. Pei En had 384 green and pink stickers altogether.
She put them equally in 6 packets.
In each packet, the number of green stickers is thrice the number of pink stickers.
How many pink stickers are there in each packet?

Answer :

37. What is the smallest **4-digit odd number** that can be formed with the digits given below?

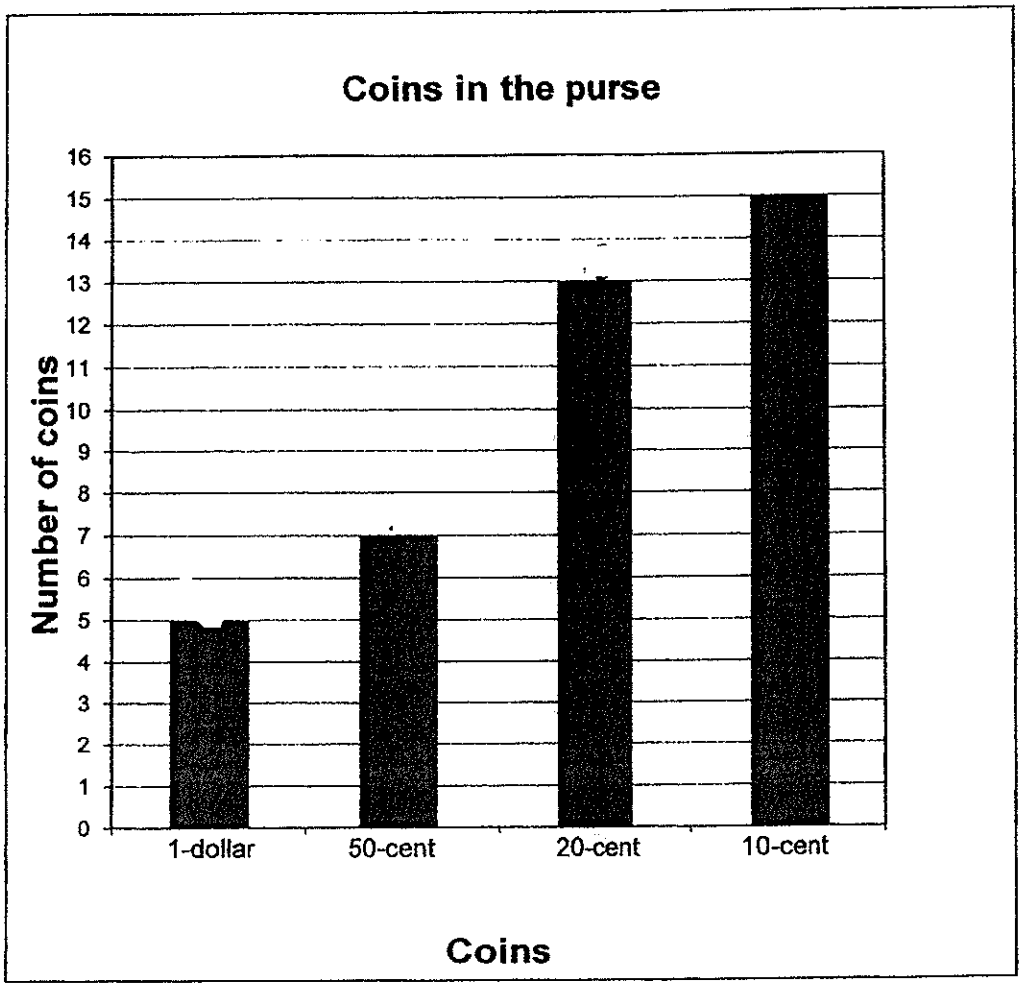
5	6	0	2

Answer : _____

38. Mr Salem had a chocolate bar.
He used $\frac{1}{4}$ of it to make a cake and $\frac{1}{2}$ of it to make some pudding.
What fraction of the chocolate bar had he left?

Answer : _____

39. Study the graph below carefully and answer Question 39(a) and 39(b).
The graph below shows the number of coins in a purse.



(a) What is the value of all the twenty-cent coins?

Answer : $ _____

(b) Which two types of coins add up to the same value as the one-dollar coins?

Answer : _____ cent coins and _____ - cent coins

40. Gabriel sat for a Math quiz which consisted of 15 questions.
There are only 3-mark questions and 5-mark questions in the quiz.
The total marks for the quiz is 65 marks.
How many 5-mark questions are there in the quiz?

Answer : _____

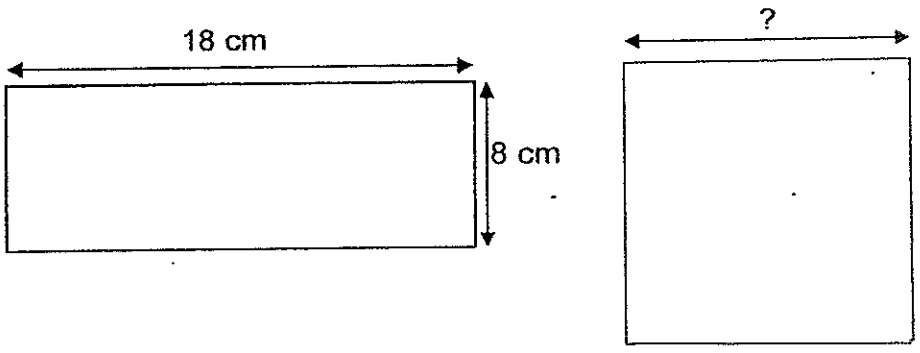
Section C

Questions 41 to 45 carry 4 marks each. Do these word problems carefully. Show your working clearly in the space provided below each question.

(Total: 20 marks)

41. En Xi knitted a scarf and a pair of gloves.
She took 2 hours 48 minutes to knit a pair of gloves.
She completed her work in 5 hours 24 minutes.
How much longer did she take to knit the pair of gloves than the scarf?

42. James bent a wire to form a rectangle as shown below.
He then used the same wire to form a square.
What is the length of the square?



43. Peter has 2756 cards.
Ron has 218 fewer cards than Peter.
Ron has 288 more cards than Ahmad.
How many cards do the three boys have altogether?

44. There were 1824 adults, 324 girls and some boys watching a basketball match.
There were twice as many boys as girls at the match.
Each adult was given a whistle and each child was given 3 balloons.
How many more balloons than whistles were given out?

45. Lynn and Mary had the same amount of money at first.
After Lynn spent $160 and Mary spent $58, Mary had thrice as much money left as Lynn.
How much money did Lynn have left?

☺ ***End of Paper*** ☺
Please Check Carefully

EXAM PAPER 2014
LEVEL : PRIMARY 3
SCHOOL : NANYANG
SUBJECT : MATHS
TERM : SA2

Section A

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

Section B

Q21 (i) 2989
(ii) 3470
Q22 6
Q23 2
Q24 4
Q25 1022, 1202, 2021, 2210
Q26 738
Q27 $86.85
Q28 10m
Q29 11ℓ
Q30 $\frac{4}{5}, \frac{2}{3}, \frac{1}{2}, \frac{3}{10}$
Q31 C and B
Q32 72m^2
Q33 4th June
Q34 15 September 2014
Q35 554
Q36 16
Q37 2065
Q38 $\frac{1}{4}$
Q39 (a) $2.60
(b) 50-cent coins and 10-cent coins
Q40 10

Section C

Q41 5h 24min – 2h 48min = 2h 36min
2h 48min – 2h 36min = **12min**

Q42 Perimeter of rectangle = 2x(18+8) cm = 52cm
52cm ÷ 4 = **13cm**

Q43 2756 – 218 = 2538 (Ron)
2538 – 288 = 2250 (Ahmad)
2756 + 2538 = 5294
5294 + 2250 = **7544 (Total)**

Q44 324 x 2 = 648
648 + 324 = 972
972 x 3 = 2916
2916 – 1824 = **1092**

Q45 $160 - $58 = $102
$102 ÷ 2 = **$51**

Pei Chun Public School
Semestral Assessment 2 – 2014
Mathematics
Primary 3

Name: _____ ( )

Class : Primary 3 ___

Date : 24 October 2014

Time : 1 h 30 min

Maths Teacher : _____

Parent's Signature: _____

Section A	/20
Section B	/30
Section C	/30
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. In 3506, the digit _____ is in the hundreds place.

   (1) 6 (2) 5

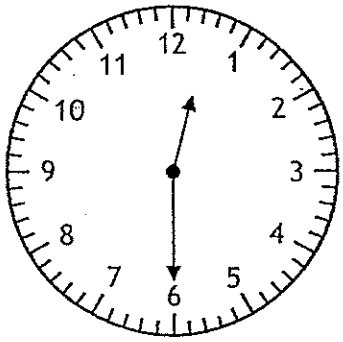
   (3) 3 (4) 0 ( )

2. 40 ÷ 8 = _____

   (1) 5 (2) 32

   (3) 48 (4) 320 ( )

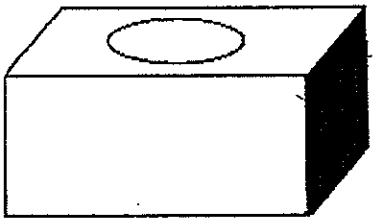
3. What is the time shown on the clock face below?



(1) 6 minutes past 12 (2) 30 minutes past 12

(3) 30 minutes to 12 (4) 6 minutes to 1 ( )

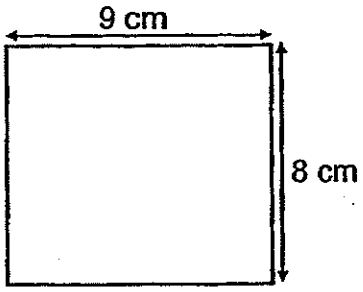
4. Study the tissue box below.
How many right angles are there on the shaded face of the box?



(1) 0 (2) 12

(3) 24 (4) 4 ( )

5. What is the area of the rectangle below?



(1) 17 cm^2 (2) 34 cm^2

(3) 64 cm^2 (4) 72 cm^2 ( )

6. Ian spent 150 cents during recess. What was the amount spent in dollars and cents?

(1) $150.00 (2) $15.00

(3) $1.50 (4) $0.15 ( )

7. Peter used a 75-cm string to tie Parcel A. He used another string which was 5 times as long to tie Parcel B. What was the total length of string Peter used for both parcels?

(1) 15 cm (2) 80 cm

(3) 375 cm (4) 450 cm ( )

8. Which set of fractions is arranged from the smallest to the greatest?

(1) $\frac{2}{12}, \frac{9}{12}, \frac{5}{12}$ (2) $\frac{9}{12}, \frac{5}{12}, \frac{2}{12}$

(3) $\frac{2}{12}, \frac{5}{12}, \frac{9}{12}$ (4) $\frac{9}{12}, \frac{2}{12}, \frac{5}{12}$ ( )

9. Sanjay prepares 4000 ml of orange juice by mixing 1250 ml of orange squash with some water. How much **more** water than orange squash does Sanjay use?

(1) 1500 ml (2) 1650 ml

(3) 2750 ml (4) 5250 ml ( )

10. Betty spent $\frac{1}{10}$ of her money on a pen and $\frac{3}{5}$ of her money on a storybook. She saved the rest of her money. What fraction of her money did Betty save?

(1) $\frac{1}{2}$ (2) $\frac{3}{10}$

(3) $\frac{7}{10}$ (4) $\frac{11}{15}$ ( )

Do not write in this space

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. Write four thousand, nine hundred and six in figures.

Answer : _____

12. Arrange these numbers in order. Begin with the greatest.

9639, 9609, 9693

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

13. Find the difference between 403 and 57.

Answer : _____

14. 809 ÷ 7 = _____

Answer : _____

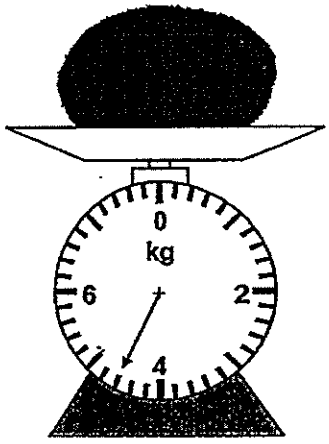
SCORE

15. 1090 g = _____ kg _____ g

Do not write in this space

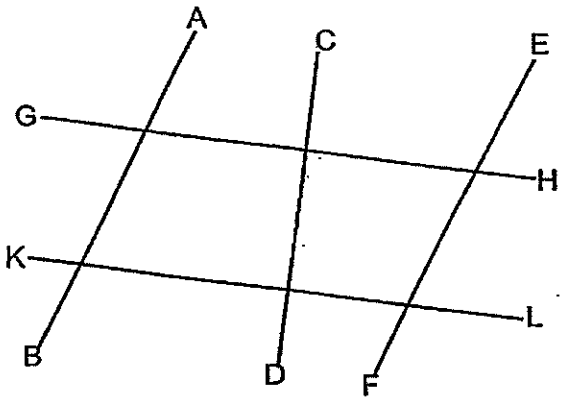
Answer : _____ kg _____ g

16. What is the mass of the watermelon in kilograms and grams.



Answer : _____ kg _____ g

17. Study the figure below.



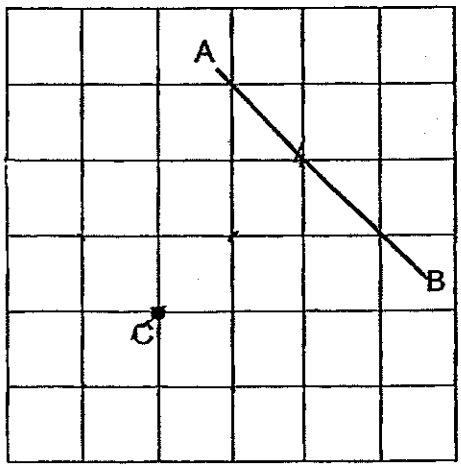
Which line is perpendicular to GH?

Answer : _____

SCORE

Do not write in this space

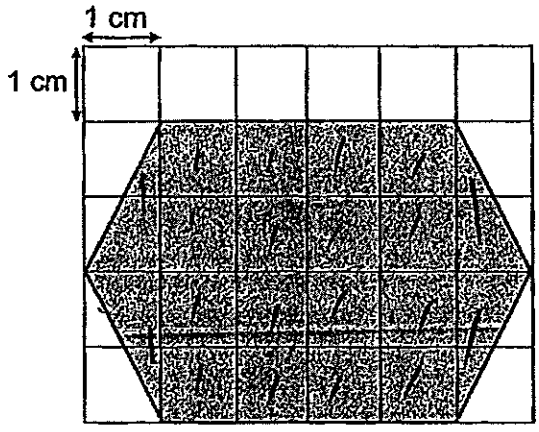
18. In the square grid below, draw a line parallel to line AB passing through point C.



19. A plane left Singapore for Japan at 5.40 a.m. It took the plane 6 h 45 min to fly from Singapore to Japan. At what time did the plane reach Japan?

Answer :_____ p.m.

20. What is the area of the shaded figure below?



Answer :_____ cm^2

SCORE

Do not write in this space

Questions **21** to **30** 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. (20 marks)

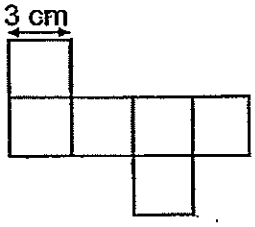
21. Write 143 minutes in hours and minutes.

Answer: _____ h _____ min

22. Mrs See had $\frac{3}{4}$ kg of rice. She cooked $\frac{1}{8}$ kg of the rice. How many kilograms of rice had she left?

Answer: _____ kg

23. The figure below is made up of 6 identical squares. What is the perimeter of the figure?



Answer: _____ cm

SCORE

Do not write in this space

24. A piece of cloth 476 cm long was cut into 2 pieces. One of the pieces was 283 cm long. What was the length of the other piece of cloth?

Answer :_____ cm

25. A fish tank has a capacity of 3000 ml. It contains 2725 ml of water. To fill up the tank completely, Yana poured a cup full of water into it. What is the capacity of the cup?

Answer :_____ ml

26. At a shop, a handbag cost $39.20 while a t-shirt cost $29.90. How much **more** did the handbag cost than the t-shirt?

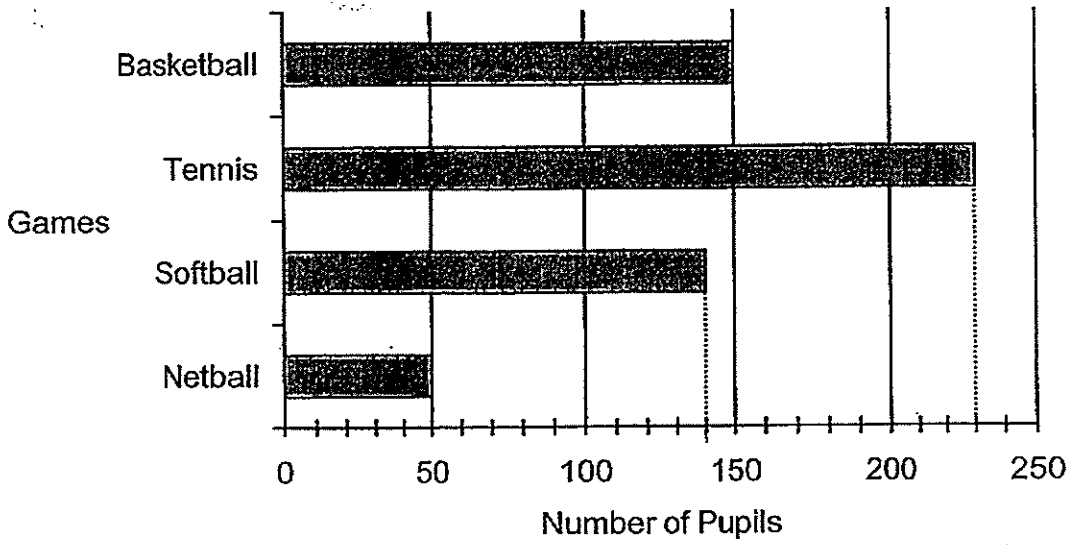
Answer : $_____

SCORE 6

Do not write in this space

Study the following graph and answer Questions 27 and 28.

The graph shows the type of ball games which the pupils from North Hill Primary School played on Games Day. Each pupil played only 1 game.



27. (a) Which game had the most number of pupils playing it?

(b) Which game had 100 **more** pupils playing it than netball?

Answer : (a) _____

(b) _____

28. What is the total number of pupils that played the four games?

Answer : _____

SCORE

Do not write in this space

29. $\frac{1}{2} + \frac{\square}{12} = 1 - \frac{1}{12}$

The missing number in the box is _____.

Answer : _____

30. Study the pattern below.

DURIANDURIANDURIAN..... ?
1st 18th 58th

What is the 58th letter in the pattern?

Answer : _____

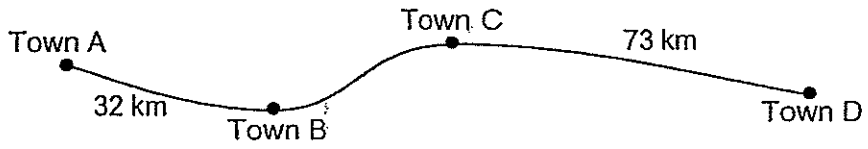
SCORE

Do not write in this space

Section C

For questions **31** to **38**, 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. (30 marks)

31. Mr Yang drove 134 km from Town A to Town D.



Find the distance between Town B and Town C.

Answer : _____ [3]

SCORE

Do not write in this space

32. Fiona spent 1 h 45 min at the library. At the library, she spent 30 min looking for reading materials. She spent the rest of the time reading them. She left the library at 5.15 p.m.

(a) How many minutes did Fiona spend reading?

(b) At what time did Fiona arrive at the library?

Answer : (a)_____[2]

(b)_____[1]

SCORE

Do not write in this space

33. Betty spent a certain number of weeks making paper dolls for her friends. Each week, she made 4 paper dolls more than the week before. She made 6 paper dolls in Week 1.

(a) How many paper dolls did Betty make in Week 3?

(b) In which week would Betty make 34 paper dolls?

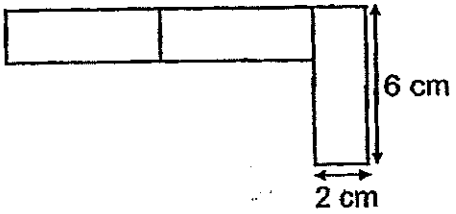
Answer : (a)_____[1]

(b)_____[3]

SCORE

Do not write in this space

34. The figure below is made up of 3 identical rectangles.
The length of a rectangle is 6 cm. Its breadth is 2 cm.



(a) What is the area of the figure?

(b) What is the perimeter of the figure?

Answer: (a)_____[2]

(b)_____[2]

SCORE

Do not write in this space

35. Denise has a total of 354 yellow, blue and red beads. She has 22 more yellow beads than blue beads. The number of red beads is twice the number of blue beads.

(a) How many blue beads does Denise have?

(b) How many yellow beads does Denise have?

Answer : (a) _____ [2]

(b) _____ [2]

SCORE

Do not write in this space

36. At first, Gerald had $4.95 and Harry also had some money. After each of them spent $2.70, they had a total of $3 left.

(a) How much money had Gerald left?

(b) How much money did Harry have at first?

Answer : (a)_____[1]

(b)_____[3]

SCORE

37. There are 329 pupils at the school hall. The pupils are divided into a certain number of groups. In each group, there are 5 girls and 2 boys.

Do not write in this space

(a) How many groups are there?

(b) How many **more** girls than boys are there at the school hall?

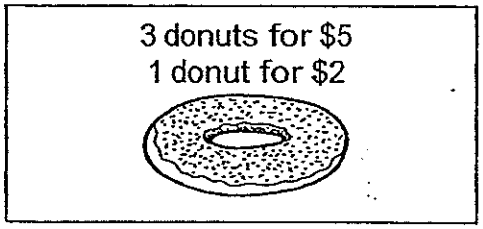
Answer : (a)_____ [2]

(b)_____ [2]

SCORE

38. The diagram below shows the price of donuts at a shop.

Do not write in this space



(a) Chad paid $9 for some donuts. How many donuts did he buy?

(b) David bought 13 donuts. What was the smallest amount of money he had to pay?

Answer: (a) _____ [1]

(b) _____ [3]

End of Paper

Set by : Mr Salleh Bajrai, Mdm Joyce Cheng and Mdm Erine Cheong

SCORE

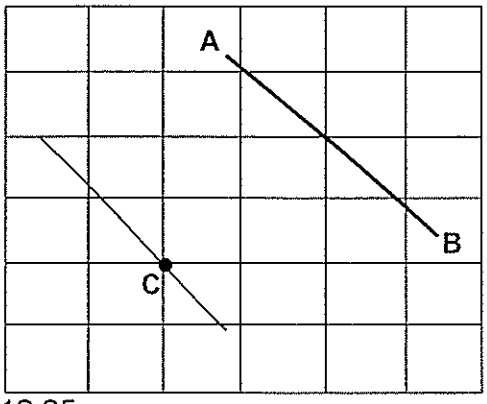
Pei Chun Public School
Mathematics SA2 2014

Section A

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

Section B

11) 4906
12) 9693, 9639, 9609
13) 346
14) 115 R 4
15) 1kg 90g
16) 4kg 600g
17) CD
18)



19) 12.25 p.m.
20) 20cm²
21) 2h 23min
22) ⅝ kg
23) 42cm
24) 193cm
25) 275ml
26) $9.30
27) (a) Tennis
    (b) Basketball
28) 570
29) 5
30) I

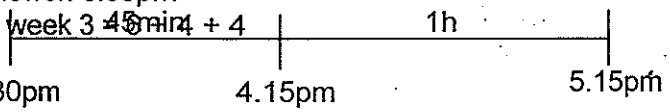
Section C

31) Distance from town A to B and C to D = 32 + 73 = 105km
    Town B to C = 134 – 105 = 29km
    Answer: 29km

32) (a) Time spent reading = 1h 45min – 30min = 1h 15min
    = 60min + 15 min
    =75 min

    (b) Answer: 3.30pm

33) (a) In week 3 45min + 4 + 4



= 14

(b) No. after week 1= 36 – 6 = 28

No. of weeks after = 28 ÷ 4 = 7

Which week = 7 + 1

= Week 8

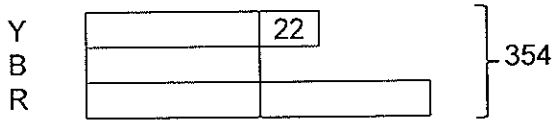
34) (a) Area = $12cm^2 + 12cm^2 + 12cm^2$

= $36cm^2$

(b)Perimeter = 2 + 6 + 6 + 6 + 6 + 2 + 4 + 2 + 6

= 40cm

35)



(a) 4 units = 354 – 22

= 332

Blue beads = 332 ÷ 4

= 83

(b) Yellow beads = 83 + 22

= 105

36) (a) Gerald left = $4.95 - $2.70

= $2.25

(b)Harry left = $3 - $2.25

= $0.75

Harry at first = $0.75 + $2.70 = $3.45

37) (a) 1 group = 5 + 2

= 7

Groups of 7= 329 ÷ 7

= 47 groups

(b)Girls = 47 x 5

= 235

Boys = 47 x 2

= 94

Difference = 235 – 94

= 141 girls

38) (a) Groups of $5 = $9 ÷ 5

= 1 R $4

Remainder = $4 ÷ 2 = 2

Doughnut = 3 + 1 + 1

= 5

(b)Groups of 3 doughnuts = $13 ÷ 3

= 4 R 1

Remainder = 1 doughnut

= $2

Total to pay = $5 + $5 + $5 +$5 + $2

= $22