



**RAFFLES GIRLS' PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 1
MATHEMATICS
PRIMARY 4**

Name: _____ ()

Math Teacher: _____ Form Class: P4 _____

Date: 8th May 2017

Duration: 1h 45 min

Your Score	
Section A (Out of 25 marks)	
Section B (Out of 40 marks)	
Section C (Out of 35 marks)	
Overall (Out of 100 marks)	

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer ALL questions and show all working clearly.

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

1. The value of the digit 2 in 53 208 is _____.

- (1) 20
- (2) 200
- (3) 2000
- (4) 20 000

2. 68 899 when rounded to the nearest ten is _____.

- (1) 68 890
- (2) 68 900
- (3) 69 000
- (4) 69 990

3. Multiply 387 by 6.

- (1) 2322
- (2) 2282
- (3) 1882
- (4) 1822

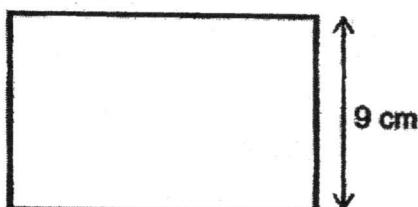
4. Multiply 250 by 3 tens.

- (1) 75
- (2) 750
- (3) 7500
- (4) 75 000

5. The length of a piece of string is 2 m 5 cm.
What is its length in centimetres?

- (1) 25 cm
- (2) 205 cm
- (3) 250 cm
- (4) 2005 cm

6. The perimeter of the rectangle shown below is 72 cm. Find its length.

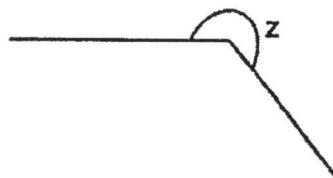


- (1) 8 cm
- (2) 18 cm
- (3) 27 cm
- (4) 54 cm

7. The mass of a child is 20 103 g.
What is his mass in kilograms and grams?

- (1) 2 kg 103 g
- (2) 20 kg 13 g
- (3) 20 kg 103 g
- (4) 201 kg 3 g

8. In the figure shown below, $\angle z$ is _____.



9. Which of the following is an equivalent fraction of $\frac{1}{3}$?

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

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

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

(4) $\frac{3}{9}$

10. Arrange the fractions from the greatest to smallest.

$$\frac{4}{9}, \frac{2}{3}, \frac{6}{7}$$

(1) $\frac{4}{9}, \frac{2}{3}, \frac{6}{7}$

(2) $\frac{2}{3}, \frac{4}{9}, \frac{6}{7}$

(3) $\frac{2}{3}, \frac{6}{7}, \frac{4}{9}$

(4) $\frac{6}{7}, \frac{2}{3}, \frac{4}{9}$

11. Thomas has 1094 marbles while Mingli has 200 marbles more than Thomas. How many marbles do they have altogether?

- (1) 1294
- (2) 1988
- (3) 2188
- (4) 2388

12. What is the sum of all the factors of 16?

- (1) 6
- (2) 17
- (3) 31
- (4) 35

13. What is the difference between the third multiple and the seventh multiple of 7?

- (1) 70
- (2) 28
- (3) 21
- (4) 10

14. Jia Xin had twice as many stickers as Lynn.
Lynn had twice as many stickers as Hui Lin.
Given that they had 1750 stickers altogether, how many stickers
did Hui Lin have?

- (1) 250
- (2) 350
- (3) 500
- (4) 700

15. What is the value of $\frac{1}{3} + \frac{3}{9}$?

- (1) $\frac{2}{3}$
- (2) $\frac{1}{2}$
- (3) $\frac{4}{9}$
- (4) $\frac{4}{12}$

SECTION B (40 marks)

Questions 16 to 35 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. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

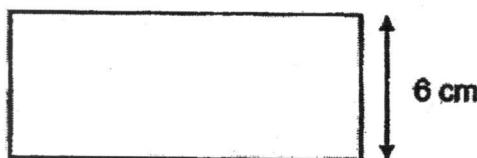
16. Ahmad wanted to exchange \$4 to all 10¢ coins.
How many 10¢ coins would he have?

Ans: _____

17. Mr Tan bought 65 boxes of packet drinks.
Each box contained 13 packets of drinks.
How many packet drinks did Mr Tan buy?

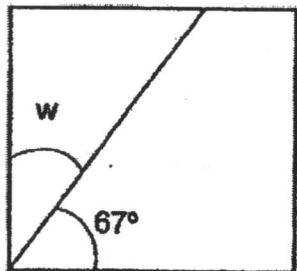
Ans: _____

18. The area of the rectangle shown below is 114 cm^2 .
Its breadth is 6 cm. Find the length of the rectangle.



Ans: _____ cm

19. The figure shown below is a square. Calculate $\angle w$.

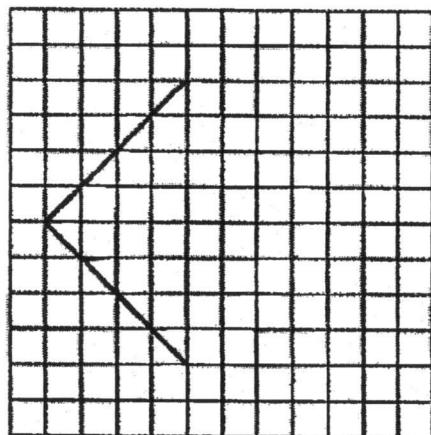


Ans: _____ °

20. The area of a square is 64 cm^2 . What is the breadth of the

Ans: _____ cm

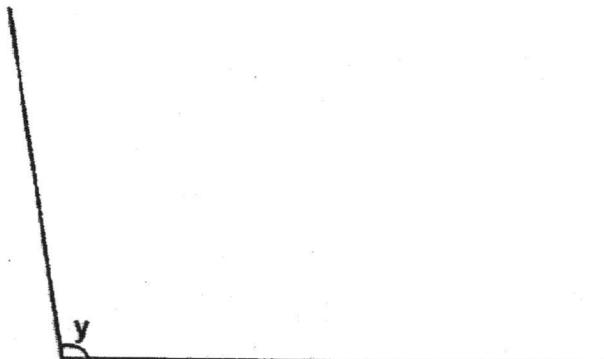
21. Complete the drawing in the grid such that the figure is a square.



22. Mrs Gopal bought 3 kg of flour. She made 20 muffins and she used 30 g of flour to make each muffin. How much flour did she have left?
Give your answer in grams.

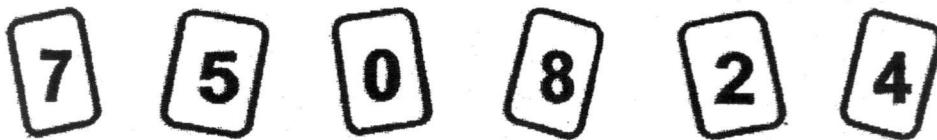
Ans: _____ g

23. Measure $\angle y$.



Ans: _____ °

24. Using five out of the six cards given below, form the smallest 5-digit odd number.
(Do not start with 0)



Ans: _____

25. In 49 728,

- (a) the digit 9 stands for _____.
- (b) the digit 7 is in the _____ place.

Ans: (a) _____

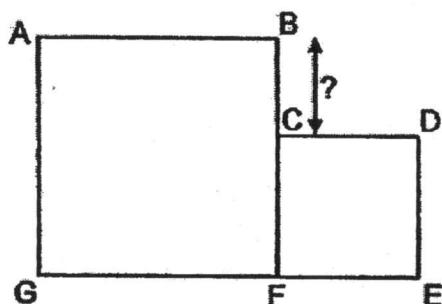
(b) _____

26. Mdm Hakimah bought 219 boxes of chocolates for her employees.

Each box cost \$14. How much did she pay for all the chocolates?

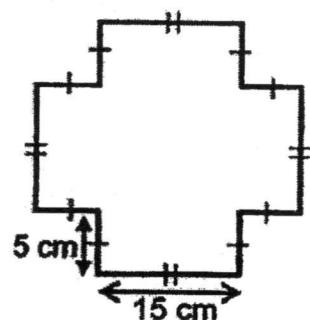
Ans: \$ _____

27. The perimeter of square ABFG is 100 cm and the perimeter of square CDEF is 60 cm. Find the length of BC.



Ans: _____ cm

28. Find the perimeter of the figure shown below.

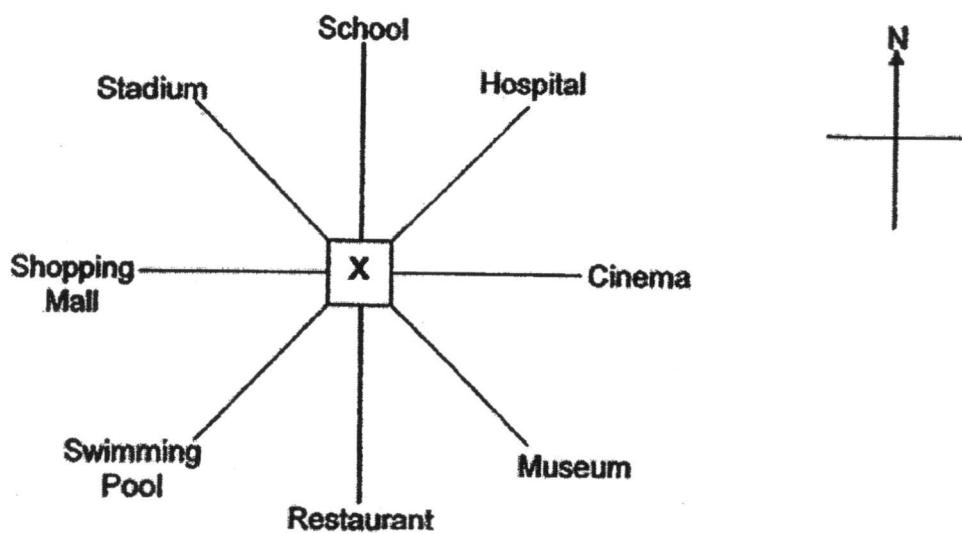


Ans: _____ cm

29. Draw $\angle PQR = 85^\circ$ using the given line. Mark and label the angle.



30. Look at the diagram below. Cindy is standing at point X facing south-west now. She will turn through an angle of 135° in the clockwise direction. Where will she be facing after the turn?



Ans: _____

31. Subtract $\frac{1}{4}$ from $\frac{7}{12}$

Give your answer in the simplest form.

Ans: _____

32. Meng had 4900 beads. He had 599 fewer beads than Lemin.

How many beads did they have altogether?

Ans: _____

33. A repeated pattern is formed using the digits 0 and 2.

The first 15 digits are shown below.

What is the sum of the first 50 digits?

2 0 2 0 2 2 0 2 0 2 2 0 2 0 2 ...
1st 2nd 3rd 15th

Ans: _____

34. The product of two different numbers is 96.
The sum of the two numbers is 20.
What are the two numbers?

Ans: _____ and _____

35. Mindy has 2 ribbons, Ribbon A and Ribbon B. Both the ribbons are of equal length. Ribbon A can be cut into 3-cm pieces without any remainder and ribbon B can be cut into 4-cm pieces without any remainder. What is the length of each ribbon?

Ans: _____ cm

SECTION C (35 marks)

For questions 36 to 44, 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. Answers in fractions must be expressed in the simplest form. 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.

36. Bag A contained 1040 g of rice.
Bag B contained twice as much rice as Bag A.
There was 700 g less rice in Bag C than Bag B.
What was the total mass of rice in bags A, B and C?

Ans: _____ [3]

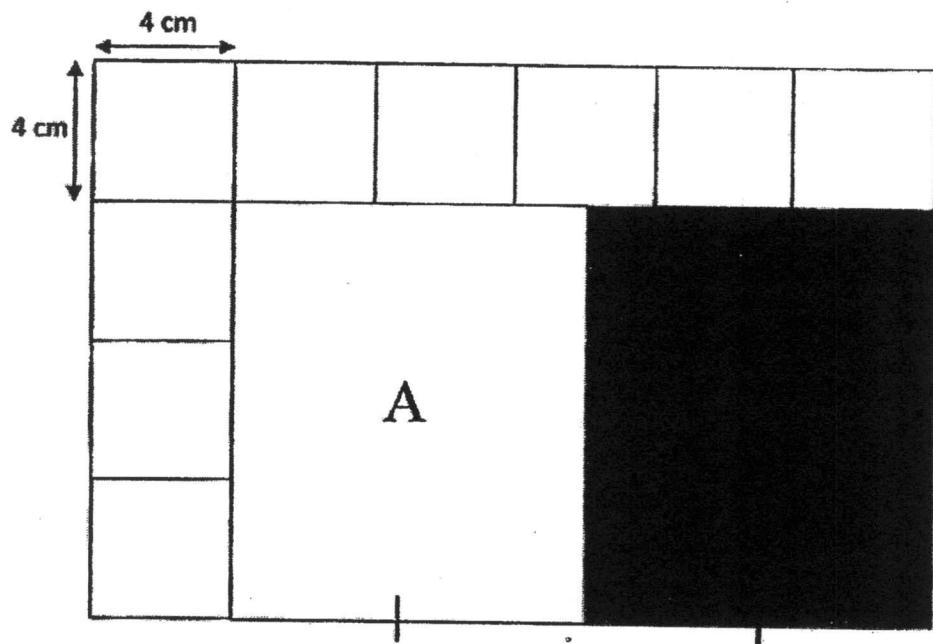
37. An arm chair costs 4 times as much as a stool.
Jenny paid \$585 for an arm chair and 5 stools.
Find the cost of the arm chair.

Ans: _____ [3]

38. Khalid was supposed to divide a 3-digit number by a 1-digit number. He made a mistake by dividing the 3-digit number by 3 instead of 4. He obtained the incorrect answer of 208. What should be the correct answer?

Ans: _____ [3]

39. The figure below is made up of 9 identical 4-cm squares and 2 identical rectangles, A and B. Find the area of the shaded rectangle B.



Ans: _____ [4]

40. Matilda and Nelly had a total of 456 stickers.
Nelly and Yi Peng had a total of 224 stickers.
Matilda had 5 times as many stickers as Yi Peng.
How many stickers did Nelly have?

Ans: _____ [4]

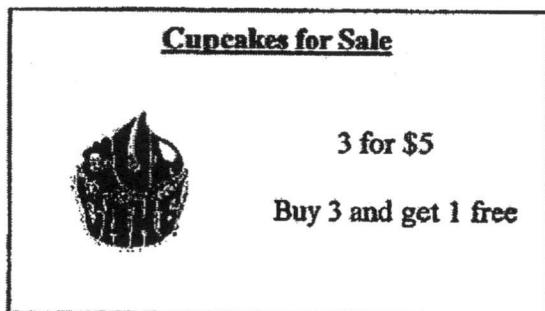
41. Siew Ping had \$152 more than Tom at first.
After Siew Ping gave \$301 to Tom, Tom had 4 times as much money as
Siew Ping. How much did they have altogether?

Ans: _____ [4]

42. This year, Minghui's age is a multiple of 6. Two years later, her age will be a multiple of 5. Minghui is more than 20 years old but less than 80 years old. How old will she be in 7 years' time?

Ans: _____ [4]

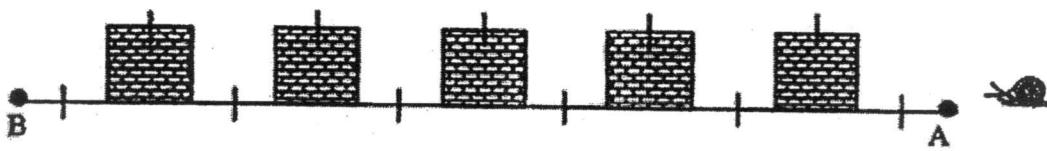
43. A confectionery sells cupcakes at 3 for \$5.
Customers receive a free cupcake for every 3 cupcakes they buy.
- (a) How much did a customer pay if he received 20 cupcakes?
(b) How many cupcakes did a customer receive in total when he paid \$30?



Ans: a) _____ [2]

b) _____ [3]

44. The snail in the diagram below needs to climb over 5 identical square bricks from point A to reach B. The distance between 2 square bricks is equal to the side of one square brick. The total area of the 5 identical square bricks is 8000 cm^2 .
- (a) Find the area of a square brick.
- (b) Find the distance travelled by the snail when it crawled from point A to point B.



(a) _____ [2]

Ans: (b) _____ [3]

-End of Paper-

Please check your work carefully ☺

Setters: J. Ong
M. Yeo

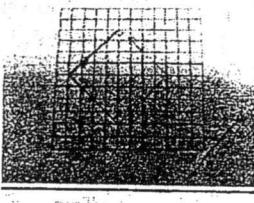
SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2017 SA1

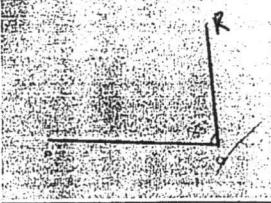
CONTACT :

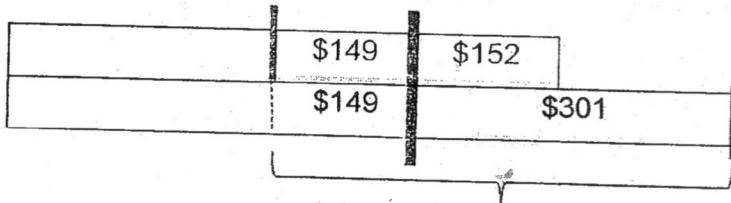
SECTION A

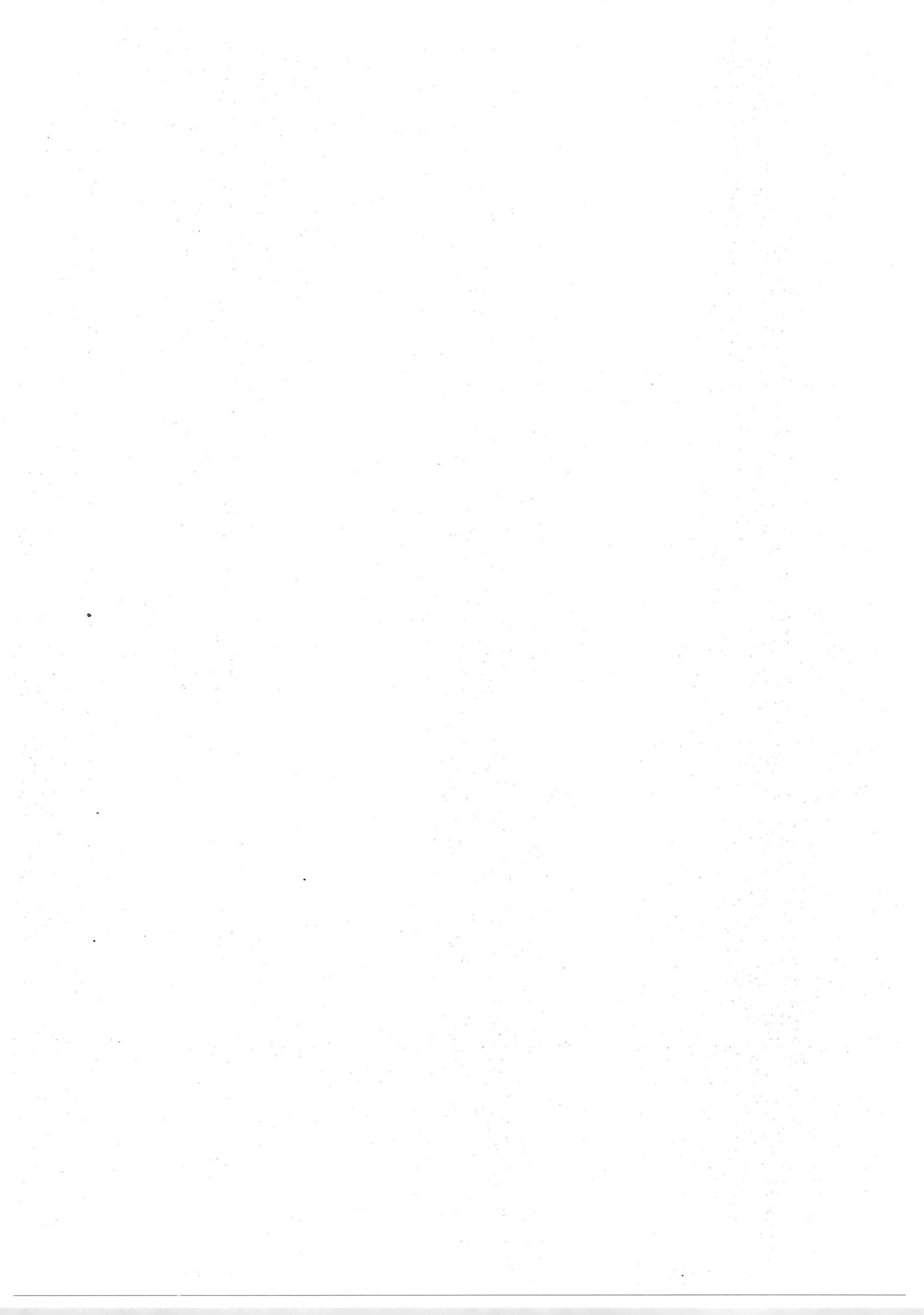
Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	2	1	3	2	3	3	3	4	4
Q 11	Q12	Q13	Q14	Q15					
4	3	2	1	1					

SECTION B

Q16)	$100/10 = 10$ $10 \times 4 = 40$
Q17)	$65 \times 13 = 845$
Q18)	$114 \div 6 = 14$
Q19)	$90 - 67 = 23$
Q20)	8
Q21)	
Q22)	$30 \times 20 = 600$ $3000 - 600 = 2400$
Q23)	98
Q24)	20457
Q25)	a) 9000 b) Hundreds
Q26)	$219 \times 14 = 3066$
Q27)	$100 \div 4 = 25$

	$60 \div 4 = 15$ $25 - 15 = \underline{10}$
Q28)	$15 \times 4 = 60$ $5 \times 8 = 40$ $40 + 60 = \underline{100}$
Q29)	
Q30)	<u>School</u>
Q31)	$7/12 - \frac{1}{4} = 7/12 - 3/12 = 4/12 = \underline{1/3}$
Q32)	$4900 + 599 = 5499$ $5499 + 4900 = \underline{10399}$
Q33)	<u>1 group is 6</u> $50 \div 5 = 10$ $6 \times 10 = \underline{60}$
Q34)	<u>12 and 8</u>
Q35)	<u>12</u>
Q36)	$1040 - 700 = 340$ $1040 \times 4 = 4160$ $340 + 4160 = \underline{4500}$
Q37)	$585 \div 9 = 65$ $65 \times 4 = \underline{260}$
Q38)	$208 \times 3 = 624$ $624 \div 4 = \underline{156}$

Q39)	$4 \div 2 = 2$ $4 \times 2 + 2 = 10$ $10 \times 3 \times 4 = \underline{120}$
Q40)	$450 - 224 = 232$ $232 \div 4 = 58$ $224 - 58 = \underline{166}$
Q41)	<p style="text-align: center;">At First</p>  <p style="text-align: center;">$\\$301 - \\$152 = \\$149$</p> <p style="text-align: center;">3U</p>
Q42)	$6 : 6, 12, 18, 24, 30, 36, 42, 48$ $+2 : 8, 14, 20, 26, 32, 38, 44, 50$ $48 + 7 = \underline{55}$
Q43)	a) $3C + 1F \rightarrow \$5$ $20 \div 4 = 5$ $5 \times 5 = \underline{25}$ b) $30 \div 5 = 6$ $6 \times 4 = \underline{24}$
Q44)	a) $40 \text{ cm} \times 40 \text{ cm} = \underline{1600 \text{ cm}^2}$ b) $40 \text{ cm} \times 21 = \underline{840 \text{ cm}}$





RAFFLES GIRLS' PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2
2009

Name : _____ () Class: P4 _____

29 Oct 2009 MATHEMATICS Att: 1 h 45 min

Your Score Out of 100 marks		
	Class	Level
Highest score		
Average score		
Parent's Signature		

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

1. The value of the digit 3 in 31 856 is _____.

- (1) 30 thousandths
- (2) 30 hundreds
- (3) 30 thousands
- (4) 31 thousands

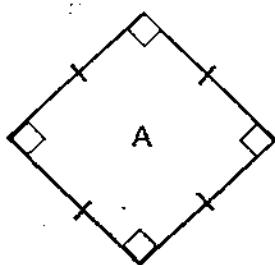
()

2. In which of the following are the numbers arranged from the smallest to the greatest?

- | <i>(smallest)</i> | <i>(greatest)</i> |
|------------------------------|-------------------|
| (1) 94 305 , 93 504 , 93 405 | , |
| (2) 93 405 , 93 504 , 94 305 | , |
| (3) 93 504 , 94 305 , 93 405 | , |
| (4) 94 305 , 93 405 , 93 504 | , |

()

3. Figure A is a square of area 64 cm^2 . Find the length of each side of the square.



- (1) 8 cm
- (2) 16 cm
- (3) 32 cm
- (4) 256 cm

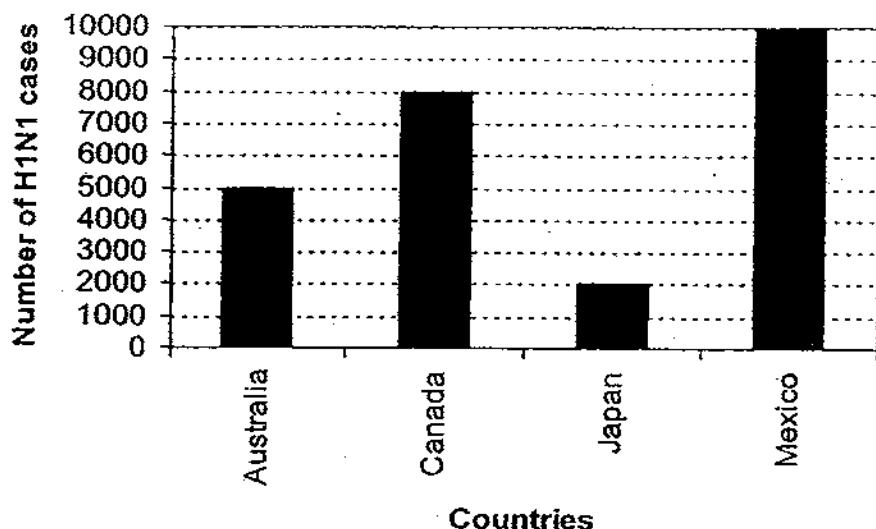
()

4. Raju goes to school at 6.50 a.m. in the morning. If he takes 25 minutes to walk to school, what time will he arrive in school?

- (1) 6.25 a.m.
- (2) 7.05 a.m.
- (3) 7.10 a.m.
- (4) 7.15 a.m.

()

5. The bar graph below shows the number of H1N1 cases in some countries.



Which country has half as many cases as another country?

- (1) Australia
(2) Canada
(3) Japan
(4) Mexico

()

6. Reese bought 3 boxes of cereal for \$17.55. How much did each box of cereal cost?

- (1) \$5.65
(2) \$5.75
(3) \$5.85
(4) \$5.95

()

$$17.55 \div 3 = 5.85$$

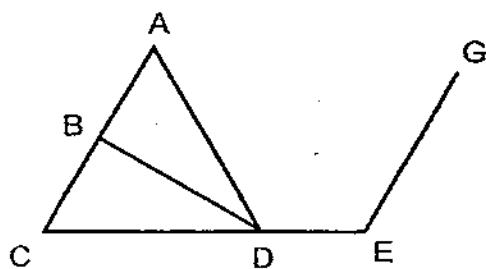
7. What is the missing number in the box?

$$9\frac{7}{9} = \boxed{\quad}$$

- (1) 63
- (2) 74
- (3) 81
- (4) 88

()

8. One of the lines in the figure is parallel to AC. Which line is parallel to AC?



- (1) AD
- (2) BD
- (3) CE
- (4) GE

()

9. Which of the following fractions is in its simplest form?

- (1) $\frac{5}{10}$
- (2) $\frac{7}{10}$
- (3) $\frac{8}{12}$
- (4) $\frac{3}{9}$

()

10. What is the number when 356.84 is rounded off to 1 decimal place?

- (1) 356.0
- (2) 356.8
- (3) 356.9
- (4) 357.0

()

11. $390 \times 20 =$ _____

- (1) 410
- (2) 780
- (3) 6800
- (4) 7800

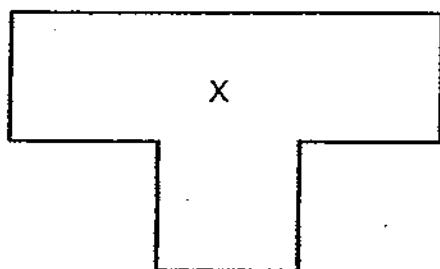
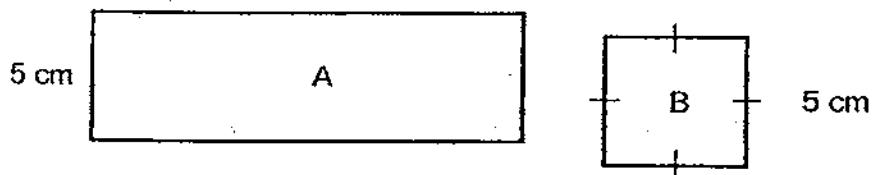
()

12. There are 64 apples in a carton. If one carton of apples costs \$48, how much does 1 dozen of apples cost?

- (1) \$0.75
- (2) \$6.00
- (3) \$7.50
- (4) \$9.00

()

13. Figure X is made up of a rectangle A and a square B of side 5cm. The length of the rectangle is the same as the perimeter of square B. The breadth of rectangle ~~A~~ is 5 cm. Find the perimeter of figure X.



- (1) 55 cm
- (2) 60 cm
- (3) 70 cm
- (4) 80 cm

()

14. The table below shows the number of plates of mee goreng and nasi lemak sold in the canteen last week.

Day	Number of plates		Total amount collected
	mee goreng	nasi lemak	
Monday	150	850	\$500
Tuesday	250	750	\$500
Wednesday		?	\$600
Thursday	450	550	\$500
Friday	550	450	\$500

A plate of mee goreng and nasi lemak costs \$0.50 each. On Wednesday, the number of plates of mee goreng sold was thrice the number of plates of nasi lemak sold. How many plates of nasi lemak were sold on Wednesday?

- (1) 800
 (2) 900
 (3) 300
 (4) 400
- ()
15. Ahmad took 40 minutes to clean his room. His sister took twice as much time as Ahmad. What is the total amount of time taken by Ahmad and his sister to clean their rooms?

- (1) 42 min
 (2) 60 min
 (3) 80 min
 (4) 120 min
- ()

End of Section A

SECTION B (40 marks)

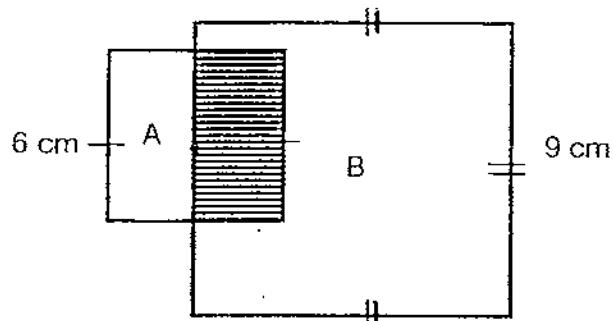
Questions 16 to 35 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

16. Fill in the blank with the correct number in the number pattern below.

51 936, _____, 51 923, 51 918, 51 914

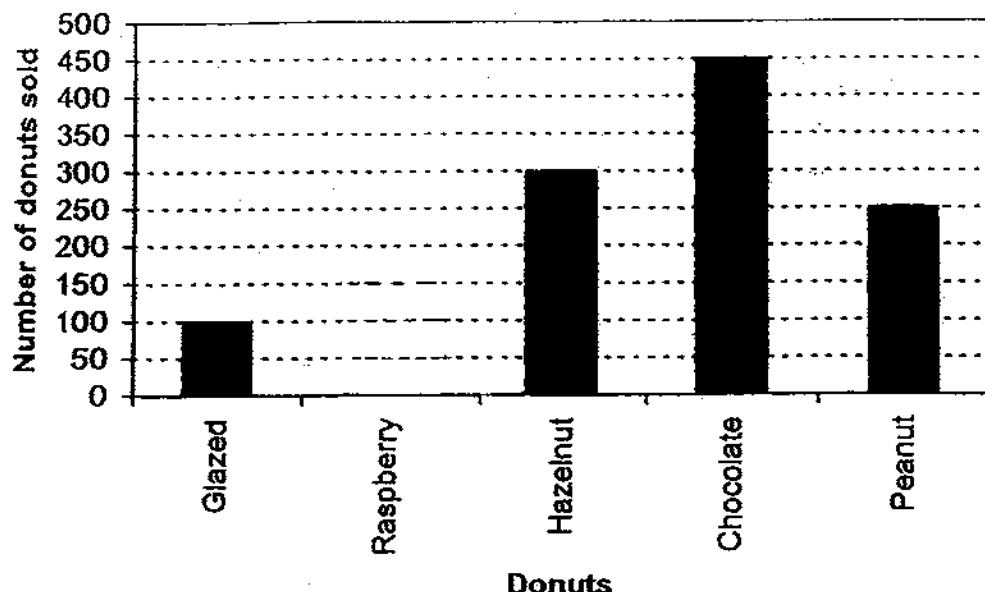
Ans: _____

17. The figure below is made up of 2 squares A and B. The length of Square A is 6 cm. The length of Square B is 9 cm. Half of square A is shaded. Find the area of the unshaded figure.



Ans: _____ cm^2

18. The graph below shows the number of donuts sold in a day.



The sale of chocolate donuts was 3 times that of raspberry donuts.
Complete the graph above.

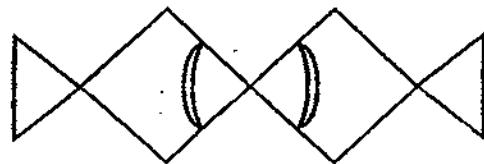
19. The length of a toothpick is 3 cm. Ali formed a square of perimeter 72 cm. How many toothpicks are used to form ~~the~~ side of the square?

Ans: _____

20. Write $\frac{60}{9}$ as a mixed number in its simplest form.

Ans: _____

21. Draw the 2 lines of symmetry on the following figure.



22. Arrange the following from the smallest to the greatest.

$$\frac{3}{4}, \frac{2}{3}, \frac{5}{12}$$

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

23. Form the greatest 4-digit number from the numbers given below.
Each number can only be used once.

0 1 5 9

Ans: _____

24. $6591 - 4578 = \underline{\hspace{2cm}}$

Ans: _____

25. $\frac{7}{12} - \frac{1}{2} = \underline{\hspace{2cm}}$

Ans: _____

26. Round off 87 995 to the nearest ten.

Ans: _____

27. What is the first common multiple of 6 and 8.

Ans: _____

28. There was an equal number of males and females when a train left Paya Lebar Station. At Farrer Station, 12 males got off the train and 6 females boarded the train. When the train left Farrer Station,
- were there more females or more males on the train?
 - how many more?

Ans: a) _____ [1]

b) _____ [1]

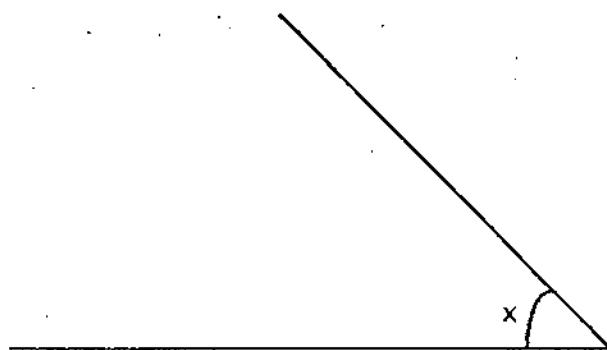
29. The capacity of a fish tank is $6\ell 650\text{ ml}$. Hafiz fills half of 3 such fish tanks. What is the total volume of the water in the fish tanks?

Ans: _____ ℓ _____ ml

30. Sumei takes 1 hour 24 minutes to reach home from work by bus. If she takes a taxi, she could reach home in a quarter of the time taken by the bus. How much longer is her travelling time by bus?

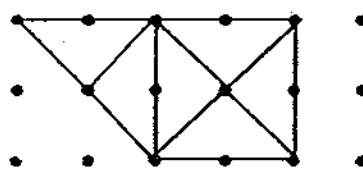
Ans: _____ min

31. Measure and write down the size of angle x.



Ans: _____

32. Tesselate 2 more unit shapes to extend the tessellation.



33. Find the value of 27.39×5 .

Ans: _____

34. Melinda is 7 years younger than Kathy. 7 years ago, their total age was 71.
How old is Melinda now?

Ans: _____ years old

35. A handbag costs 4 times as much as a wallet. If the handbag and 5 similar wallets cost \$80.55, how much does the handbag cost?

Ans: \$_____

End of Section B

SECTION C (35 marks)

For questions 36 to 44, 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.

Answers in fractions must be expressed in the simplest form.

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.

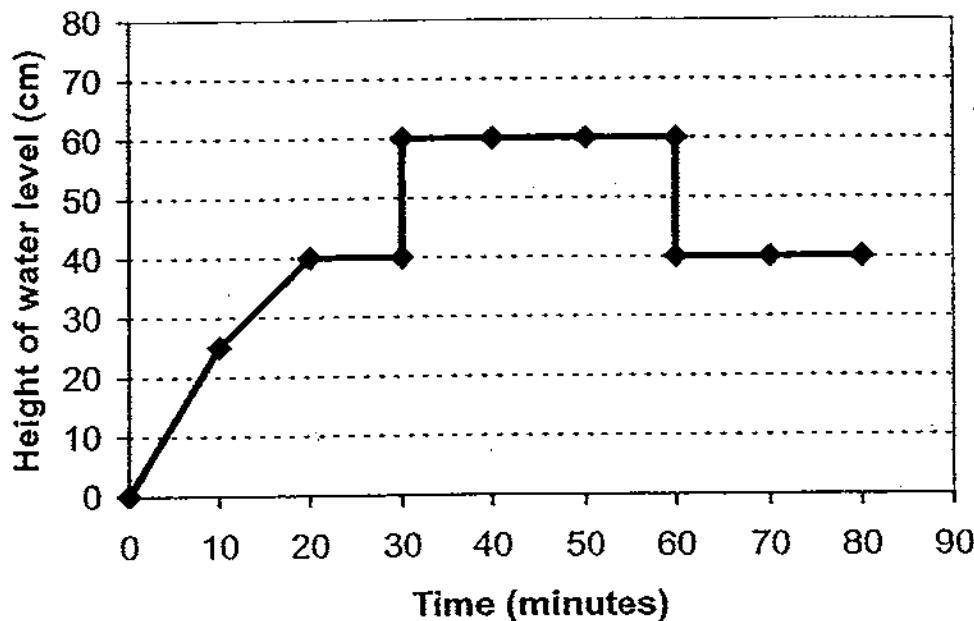
36. Julie had 708 cartons of milk in her bakery last week. However, 63 cartons of milk had expired and had to be thrown away.

- a) How many cartons of milk were left?
- b) If Julie baked only on weekdays, and the same amount of milk was used each day, how many cartons of milk were used each day?

Ans: (a) _____ [1]

(b) _____ [2]

37. The line graph below shows the amount of water in a tank over a period of time. Study the graph carefully and answer the questions that follow.



- How long did it take to half-fill the tank if the height of the tank was 80 cm?
- 10 minutes after the tank was half-filled, a weight was added into the tank. What was the increase in the water level when the weight was added in?
- If the water level remained the same for as long as the weight was in the tank, how long was the weight inside the tank?

Ans: a) _____ [1]

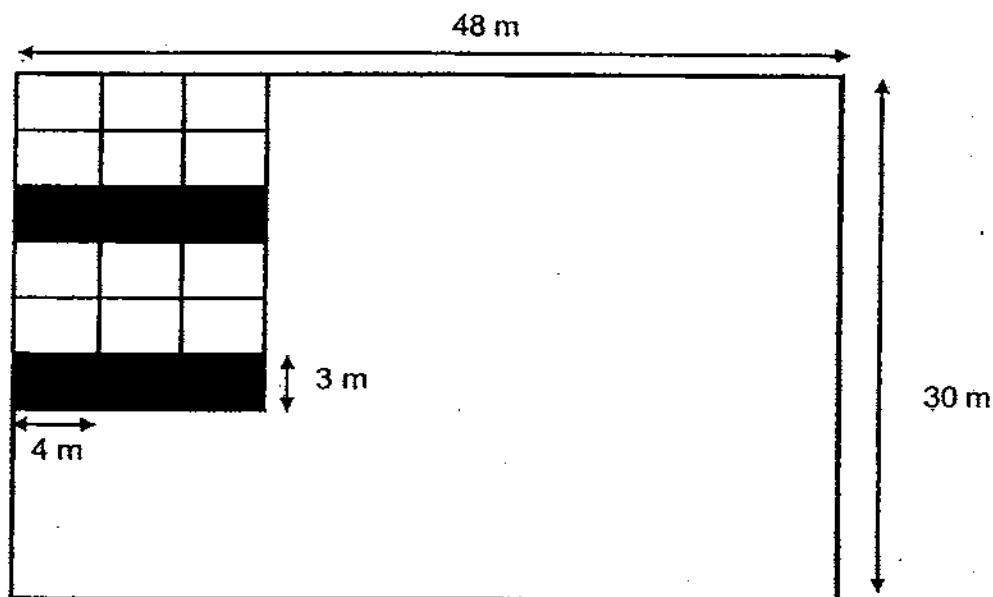
b) _____ [1]

c) _____ [1]

38. Ali had some orange juice. He sold 4.25 litres of it and kept half of the remainder. The other half was divided equally among his 3 friends. Each friend received 1.75 litres of orange juice. How much orange juice did Ali have at first?

Ans: _____ [3]

39. Mr Tan has a rectangular backyard measuring 48 m by 30 m. He wants to fill it with black and white rectangular tiles as shown below. Each tile measures 4 m by 3 m. What is the area of his backyard that will be covered by black tiles?



Ans: _____ [4]

40. Nicole had \$567. $\frac{2}{9}$ of her money was spent on clothes, and the remainder was shared equally among her 3 children.

- (a) How much did Nicole spend on clothes?
(b) How much did each child receive?

Ans: (a) _____ [2]
(b) _____ [2]

41. The total cost of 5 rulers and 2 notepads was \$18. If 2 notepads cost as much as 5 rulers, what was the cost of 5 notepads?

Ans: _____ [4]

42. The total weight of a teddy bear and a doll is 3kg 500g. The total weight of a teddy bear and a toy car is 4kg 800g. If the total weight of a toy car and a doll is 5kg 650g, find the total weight of a teddy bear, a doll and a toy car.

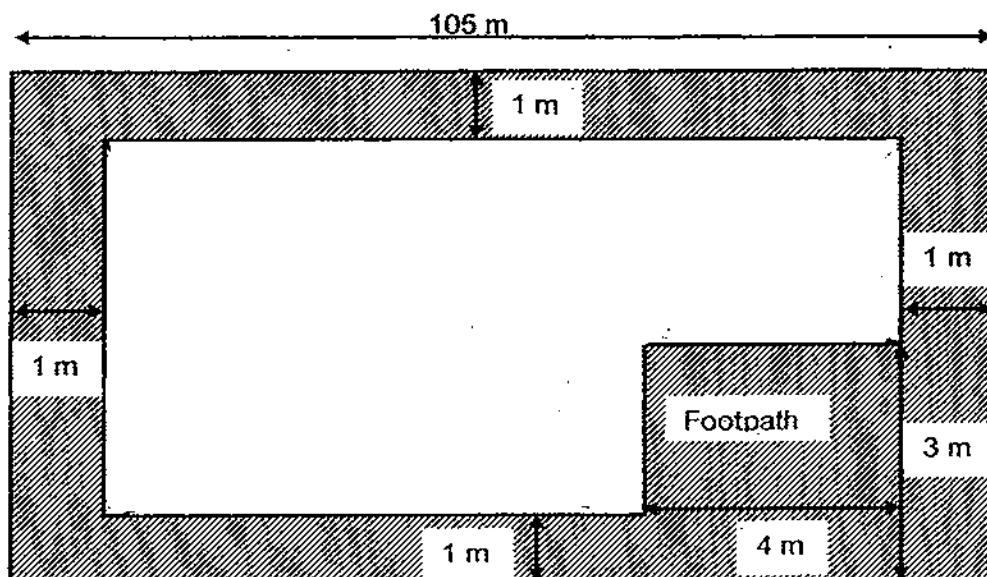
Ans: _____ [4]

43. There are a total of 28 chickens and cows in a farm. If the total number of cows' legs is 40 more than the total number of chickens' legs, find the number of:
- chickens in the farm and
 - cows in the farm.

Ans: a) _____ [4]

b) _____ [1]

44. The length of a park is 105 metres. Its breadth is $\frac{5}{7}$ of its length. A garden surrounded by footpath is located in the park as shown in the diagram below.
- (a) Find the perimeter of the garden.
(b) Find the area of the footpath.



Ans: (a) _____ [2]

(b) _____ [3]

END OF PAPER

Please check your work carefully ☺

Setters: Mdm Roziyana Rahmat and Mr Jonathan Teo

Answer Ke

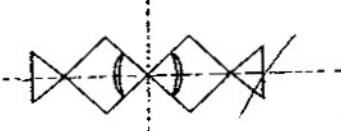
EXAM PAPER 2009

SCHOOL : RAFFLES GIRLS' PRIMARY
SUBJECT : PRIMARY 4 MATHEMATICS

TERM : SA2

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

16) 51929 17) 81cm² 18) Raspberry 150 19) 6 20) 6²/3

21)  22) 5/12, 2/3, 3/4 23) 9510 24) 2013

25) 1/12 26) 88000 27) 24 28) a) Females b) 18 more

29) 9L 975ml 30) 63min 31) 46° 32)  33) 136.95

34) 7x12=14
71+14=85
85-7=78
78÷2=39 years old.

38) 1.75x6=10.50
10.50+4.25=14.75L

41) 18÷2=9
900÷2=450
450x5=\$22.50

35) 8055÷9=895 42) 6kg 975g

895x4=\$35.80

39) 3x6=18

30-18=12

4x3=12

48÷12=4

48x3=144

144x3=432m²

43) a) 12

b) 16

44) a) 352m

b) 364m²

37) a) 20 minutes.

40) a) 567÷9=63

63x2=\$126

b) 20cm.

b) 63x7=441

c) 30 minutes.

441÷3=\$147

**RAFFLES GIRLS' PRIMARY SCHOOL****SEMESTRAL ASSESSMENT 1
2009**

Name : _____ () Class: P4

12 MAY 2009 MATHEMATICS Att: 1 h 45 min

Your Score Out of 100 marks		
	Class	Level
Highest score		
Average score		
Parent's Signature		

SECTION A (25 marks)

Question 1 to 5 carry 1 mark each. Question 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 your answer (1, 2, 3 or 4) on the OAS provided.

1. What is the missing number in the box?

$$74\,518 = 70\,000 + \boxed{\quad} + 500 + 10 + 8$$

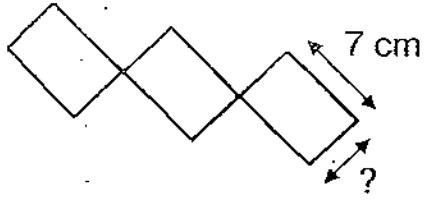
- (1) 4
- (2) 40
- (3) 400
- (4) 4000

()

2. Round off 59 299 to the nearest hundred.

- (1) 59 000
- (2) 59 200
- (3) 59 300
- (4) 60 000

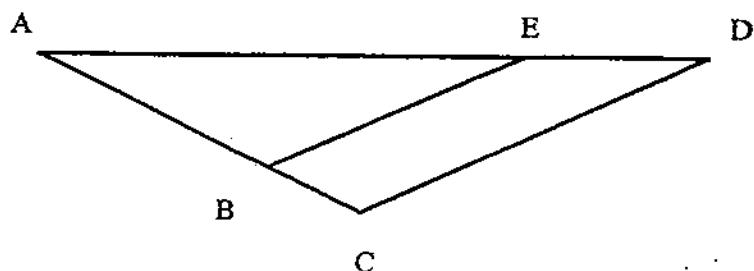
()

3. Peter bought 365 sets of costume for his Drama club. Each set of costume cost \$8. How much did Peter spend?
- (1) \$2880
(2) \$2920
(3) \$3080
(4) \$3658 ()
4. When a number is divided by 20, the answer is 640. What is this number?
- (1) 32
(2) 1280
(3) 6420
(4) 12800 ()
5. 3050 cm is the same as _____.
- (1) 3 m 5 cm
(2) 3 m 50 cm
(3) 30 m 5 cm
(4) 30 m 50 cm ()
6. The figure below is made up of 3 identical rectangles. The total area of the figure is 105 cm^2 . What is the breadth of each rectangle if its length is 7 cm?
- 
- (1) 5 cm
(2) 8 cm
(3) 10 cm
(4) 21 cm ()

7. 7 kg 80g is the same as _____ ()

- (1) 708 g
- (2) 780 g
- (3) 7080 g
- (4) 7800 g

8. Identify the set of parallel lines in the figure below.



- (1) AC//CD
- (2) CD//DE
- (3) BE//CD
- (4) DA//AC

()

9. Express $6\frac{4}{5}$ as an improper fraction.

(1) $\frac{24}{5}$

(2) $\frac{34}{5}$

(3) $\frac{46}{5}$

(4) $\frac{64}{5}$

()

10. What is the missing number in the box?

$$\frac{3}{7} + \frac{2}{7} + \frac{1}{7} = 2 - \frac{\square}{7}$$

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

()

11. $\begin{array}{r} 20000 \\ - 62000 \\ \hline 150 \end{array}$
200 hundreds subtracted from the sum of 62 thousands
and 15 tens?

- (1) 10150
- (2) 40150
- (3) 42150
- (4) 62150

()

12. Find the sum of the first 3 common factors of 40 and 72.

The answer is _____.

- (1) 7
- (2) 8
- (3) 3
- (4) 14

()

13. Ahmad and Samy started running round a track in the same direction at the same time. If Ahmad took 4 minutes to complete 1 round and Samy took 6 minutes to complete 1 round, how long would it take for them to meet each other again at the starting point?

- (1) 6
- (2) 12
- (3) 24
- (4) 4

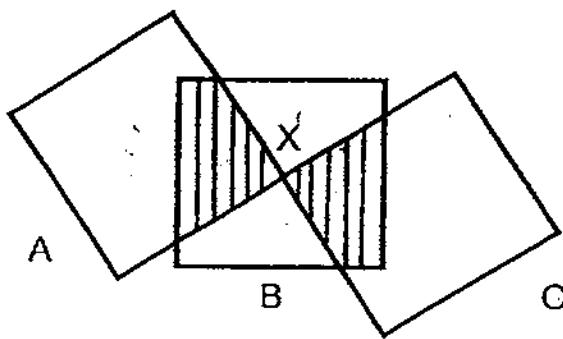
()

14. Jenny has 6 packets of balloons. Each packet contains 48 balloons. She repacks all her balloons equally into 8 packets. How many balloons are there in each of the 8 packets?

- (1) 6
- (2) 8
- (3) 36
- (4) 288

()

15. Three identical squares (A, B and C) overlap each other as shown in the figure below. Point X is the centre of square B. What fraction of the figure is shaded?



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

()

SECTION B (40 marks)

Question 16 to 35 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. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

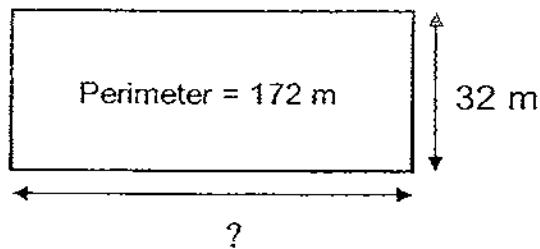
16. How many 20-cent coins can be exchanged with 25 dollars?

Ans: _____

17. Juliet earns \$760 every month. How much does she earn altogether in 2 years?

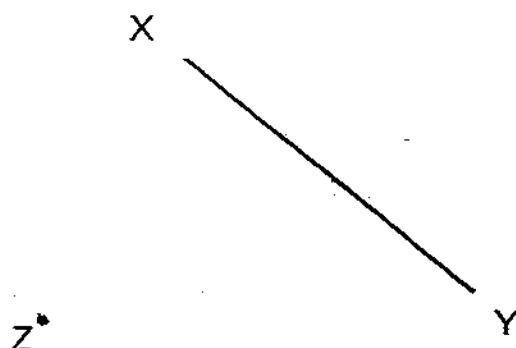
Ans: \$ _____

18. Find the unknown length of the rectangle.

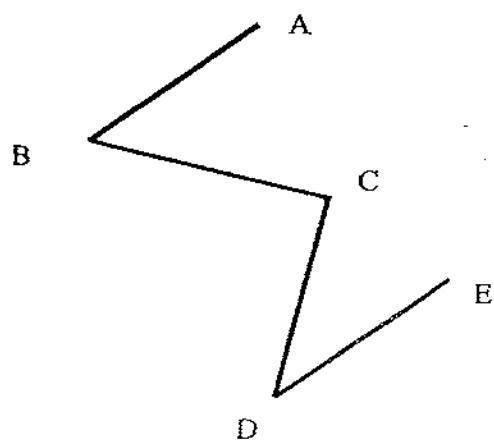


Ans: _____ m

19. Draw a line parallel to Line XY that passes through point Z.

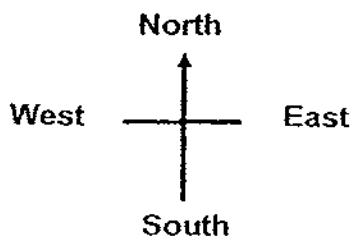


20. Name the right angle in the figure below.



Ans: ∠C

21. John is facing North. Which direction will he face if he makes a 45° turn in a clockwise direction followed by a 3-quarter turn in an anti-clockwise direction?



Ans: South

22. Rearrange the following fractions in an ascending order.

$$1\frac{1}{3}, \quad 1\frac{1}{7}, \quad 1\frac{1}{4}, \quad 1\frac{1}{10}$$

Ans: _____

23. A fruit seller had 120 mangoes. He sold $\frac{3}{8}$ of them.
How many mangoes had he left?

Ans: _____

24. When a number is rounded off to the nearest ten, it is 240. What could be the largest possible whole number?

Ans: _____

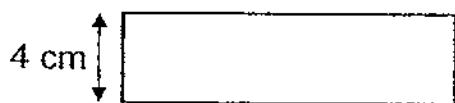
25. Write ninety-four thousand and twenty as a numeral.

Ans: _____

26. There are 12 times as many adults as children in a concert. If there are 75 children and 386 women, how many men are there in the concert?

Ans: _____

27. Rectangle A has the same area as Square B. The length of Rectangle A is 4 times its breadth. Find the length of each side of the square.



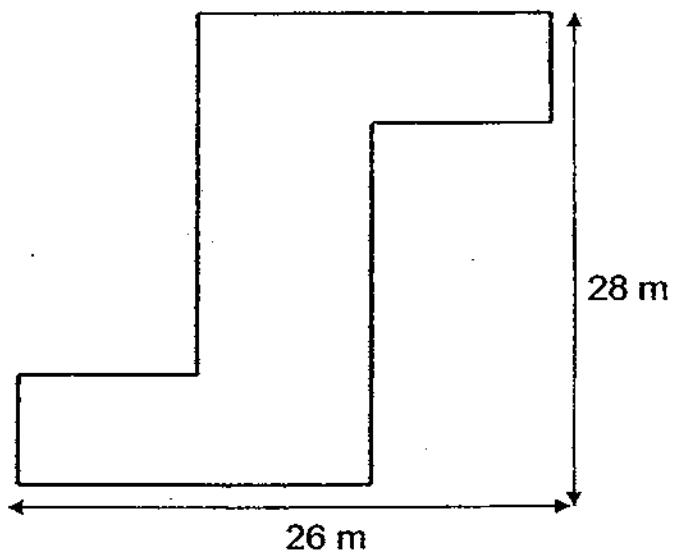
Rectangle A



Square B

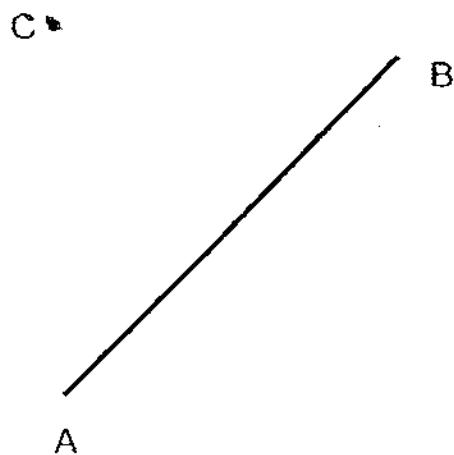
Ans: _____ cm

28. Find the perimeter of the figure.

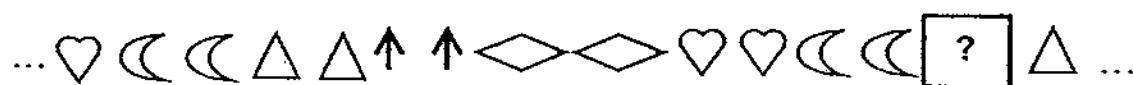


Ans: _____ m

29. Draw a line perpendicular to line AB in the figure below that passes through point C.



30. Complete the following pattern:



31. $5\frac{2}{5} = \frac{?}{10}$

Ans: _____

32. Express $3 + \frac{17}{20} + \frac{30}{20}$ as a mixed number.

Ans: _____

33. Complete the number pattern below.

1, 6, 3, 9, 5, 12, 7, _____, 9, 18, 11, 21, 13...

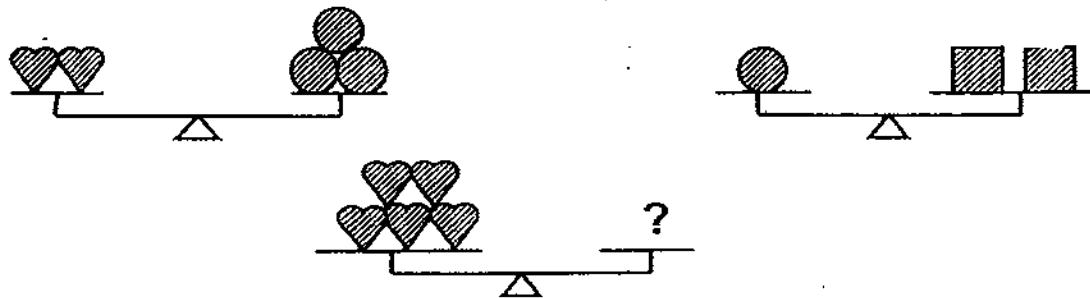
Ans: _____

Ans: _____

34. Sarah had \$24. She spent $\frac{1}{4}$ of her pocket money on food and $\frac{1}{2}$ of her pocket money on a storybook. What fraction of her pocket money was left?

Ans: _____

35. How many squares are needed to balance the scale?



Ans: _____

SECTION C (35 marks)

For question 36 to 44, 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. Answers in fractions must be expressed in the simplest form. 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.

36. Devi, Minah and Susan have 1005 marbles altogether.
Minah has twice as many marbles as Devi.
Susan has 35 less marbles than Devi.
How many marbles does Susan have?

Ans: _____ [3]

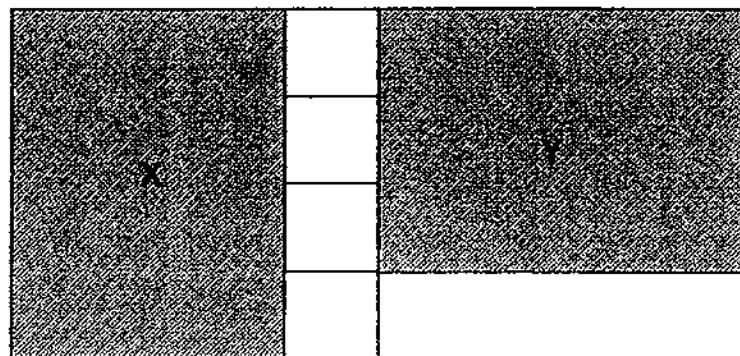
37. Sandra had some eggs. She used $\frac{1}{8}$ of them on Friday and 5 more eggs on Saturday than on Friday. On Sunday, she used the remaining 37 eggs.
How many eggs did she have at first?

Ans: _____ [3]

38. Ahmad had a sum of money. He saved half of it and gave \$400 to his mother. He then spent \$200 and realized that he had \$50 left. How much did he have at first?

Ans: _____ [3]

39. The figure below is made up of 4 identical squares and 2 identical rectangles (X and Y). Given that the total unshaded area is 324 cm^2 ; find the area of rectangle X.



Ans: _____ [4]

40. John and Mary have a total weight of 130 kg. If Mary puts on 10 kg of weight and John loses 10 kg of weight, both of them will have the same weight.
Find the weight of each of them at first.

Ans: John: _____ [2]

Mary: _____ [2]

41. Lynn had a piece of cloth $20\frac{3}{4}$ m long. She used $18\frac{5}{8}$ m to make a blouse. Lynn then cut the remaining piece of the cloth into equal pieces of $\frac{1}{8}$ m long each.
a) How long is the remaining piece of cloth?
b) How many such pieces of $\frac{1}{8}$ m long cloth did she have?

Ans: (a) _____ [2]

(b) _____ [2]

42. Mrs Raju bought a bag for \$125. She paid the cashier in \$10 and \$5 notes. If there were 17 notes altogether, how many \$10 notes were there?

Ans: _____ [4]

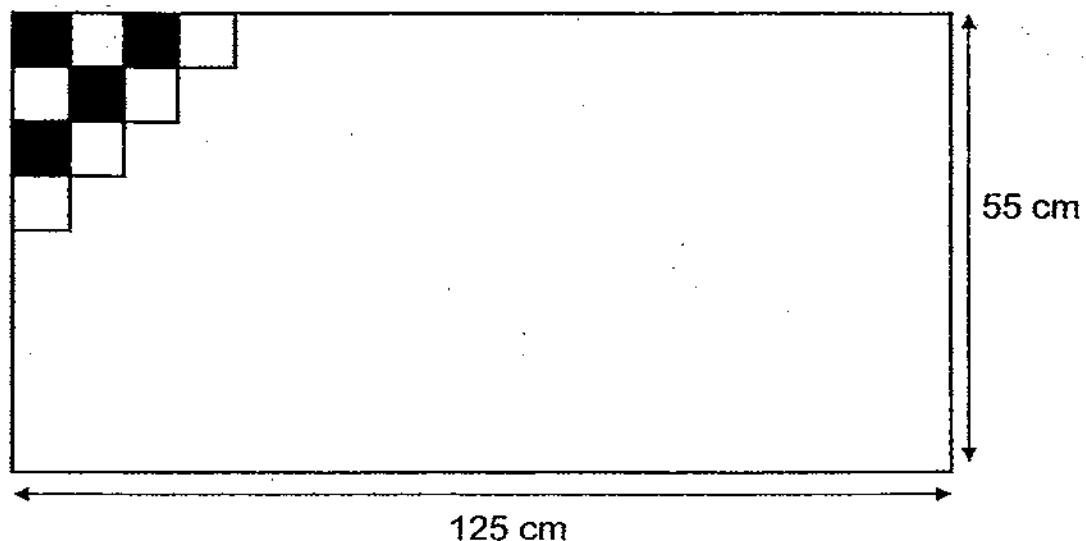
43. Ravi has between 20 and 40 oranges. He can pack the oranges equally into bags of 4 or 6 with no leftover. If he packs the oranges into bags of 9, he will have 6 oranges leftover.
- a) How many oranges does Ravi have?
- b) How many more oranges must he buy in order to be able to pack the oranges into bags of 4, 6 and 9 without any remainder?

Ans: (a) _____ [2]

(b) _____ [3]

44. Peiling used 5-cm black and white square papers to cover a piece of cardboard measuring 125 cm by 55 cm as shown below.

- How many pieces of 5-cm square papers did Peiling use altogether?
- How many pieces of 5-cm black square papers did Peiling use altogether?



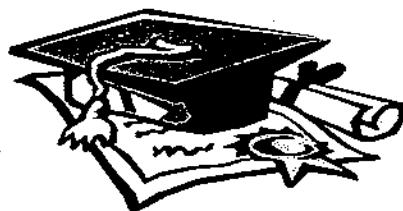
Ans: (a) _____ [3]

(b) _____ [2]

-End of Paper-

Please check your work carefully ☺

Setters: Mdm Roziyana
Mdm Mehmutha
Mr Ho Kai Huat



ANSWER SHEET

EXAM PAPER 2009

SCHOOL : RAFFLES GIRLS' PRIMARY
SUBJECT : PRIMARY 4 MATHEMATICS

TERM : SA1

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

16) 125 17) \$18240 18) 54m

19)

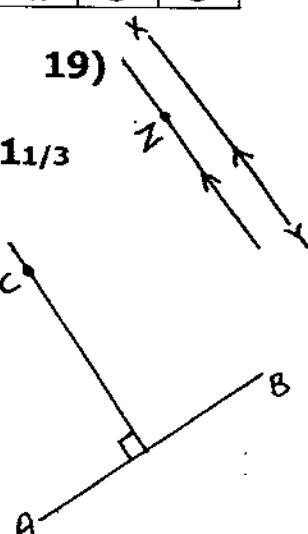
20) BCD 21) South-east 22) $1\frac{1}{10}, 1\frac{1}{7}, 1\frac{1}{4}, 1\frac{1}{3}$

23) 74 mangoes 24) 244 25) 94020

26) 514 men 27) 8cm 28) 108m 29)

30) Δ 31) 54 32) $5\frac{7}{20}$

33) 15 34) $\frac{1}{4}$ 35) 15



36) $35 \times 3 = 105$

$$1005 - 105 = 900$$

$900 \div 4 = 225$ marbles.

37) $37 + 5 = 42$

$$42 \div 6 = 7$$

$7 \times 8 = 56$ eggs.

$$38) \$400 + \$200 + \$50 = \$650$$

$$\$650 \times 2 = \$1300$$

$$39) 324 \div 4 = 81$$

$$81 - 9 \times 9$$

$$9 \times 4 = 36$$

$$9 \times 3 = 27$$

$$36 \times 27 = 972 \text{ cm}^2$$

$$40) 130 \div 2 = 65$$

$$65 + 10 = 75$$

$$65 - 10 = 55$$

John: 75kg
Mary: 55kg

$$41) 20\frac{6}{8} - 18\frac{5}{8} = 2\frac{1}{8}$$

$$2\frac{1}{8} \rightarrow 17/8$$

$$17/8 \times 8/1 = 17$$

a) $2\frac{1}{8}$ m
b) 17

42)	\$10	\$5	number of notes	amount of money	✓ / X
	$8 \times \$10 = \80	$9 \times \$5 = \45	17	$\$80 + \$45 = \$125$	

Ans: 8

$$43) \text{a)} 24$$

$$\text{b)} 12$$

$$44) \text{a)} 55 \div 5 = 11$$

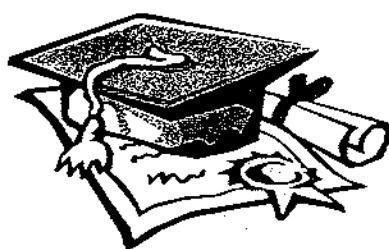
$$125 \div 5 = 25$$

$$11 \times 25 = 275 \text{ pieces}$$

$$\text{b)} 275 - 1 = 274$$

$$274 \div 2 = 137$$

$$137 + 1 = 138 \text{ pieces}$$





**RAFFLES GIRLS' PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2
MATHEMATICS
PRIMARY 4**

Name: _____ ()

Math Teacher: _____ Form Class: P4 _____

Date: 26 October 2017 Duration: 1h 45 min

Your Score	
Section A (Out of 25 marks)	
Section B (Out of 40 marks)	
Section C (Out of 35 marks)	
Overall (Out of 100 marks)	
Parent's Signature	

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer **ALL** questions and show all working clearly.

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

1. In which of the following numbers does the digit 6 stand for 60?

- (1) 8540
- (2) 5840
- (3) 5408
- (4) 4560

2. 32 654 rounded to the nearest ten is _____.

- (1) 32 600
- (2) 32 650
- (3) 32 660
- (4) 32 700

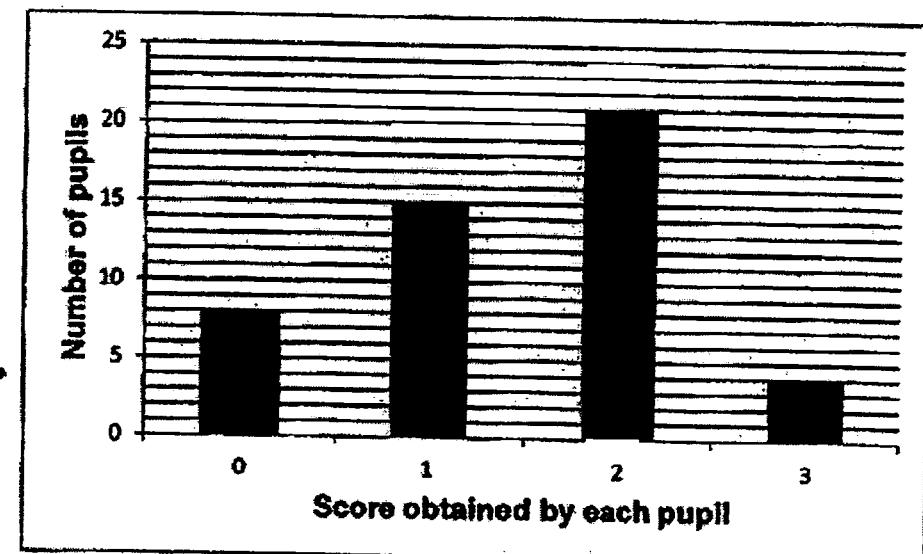
3. Round 35.49 to the nearest whole number.

- (1) 30
- (2) 35
- (3) 36
- (4) 40

4. 1 min 28 s = _____

- (1) 28 s
- (2) 32 s
- (3) 88 s
- (4) 128 s

5. The following graph shows a record of the scores that each pupil obtained in a game. Study the graph carefully and answer the question.



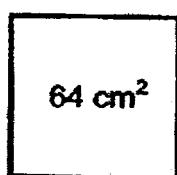
How many pupils scored 2 points?

- (1) 21
- (2) 15
- (3) 8
- (4) 4

6. In which of the following numbers does the digit 2 stand for 2 tenths?

- (1) 15.26
- (2) 21.56
- (3) 32.74
- (4) 46.82

7. The area of a square is 64 cm^2 . Find its perimeter.

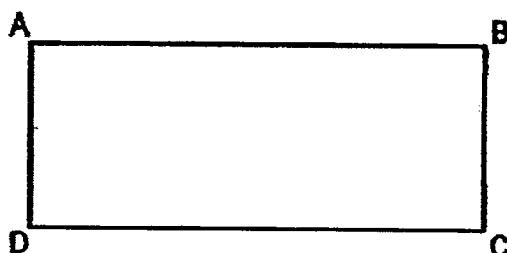


- (1) 64 cm
- (2) 32 cm
- (3) 16 cm
- (4) 8 cm

8. Susan has 468 stickers and Kelvin has 3 times as many stickers as Susan. How many stickers does Kelvin have?

- (1) 1404
- (2) 1204
- (3) 468
- (4) 158

9. The length of rectangle ABCD is 3 times its breadth. Its area is 108 cm^2 . What is its length?

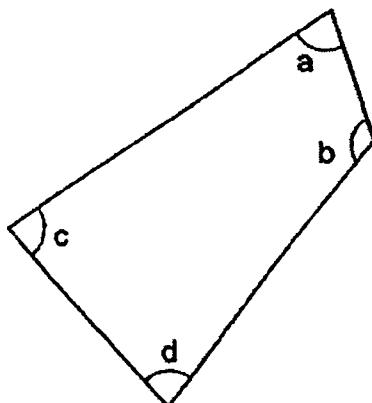


- (1) 6 cm
- (2) 18 cm
- (3) 27 cm
- (4) 36 cm

10. Jin Tai had \$12.45 left after buying 2 items. He bought a fidget spinner at \$5.75 and a story book at \$24.60. How much did he have at first?

- (1) \$18.20
- (2) \$30.35
- (3) \$37.05
- (4) \$42.80

11. In the figure, which angle is greater than a right angle?



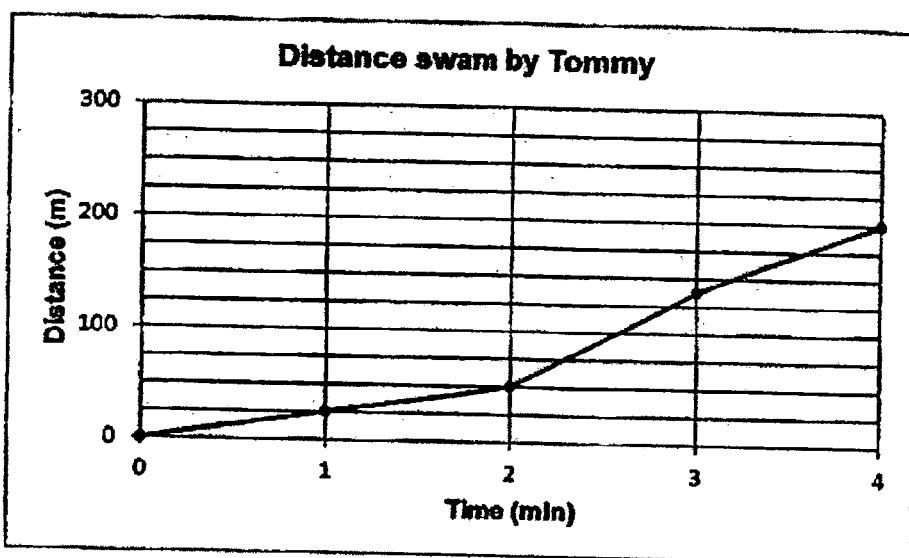
- (1) $\angle a$
- (2) $\angle b$
- (3) $\angle c$
- (4) $\angle d$

12. $7\frac{4}{9} = \frac{\square}{9}$

What is the missing number in the box?

- (1) 28
- (2) 63
- (3) 67
- (4) 74

13. The line graph shows the distance swam by Tommy in 4 minutes.



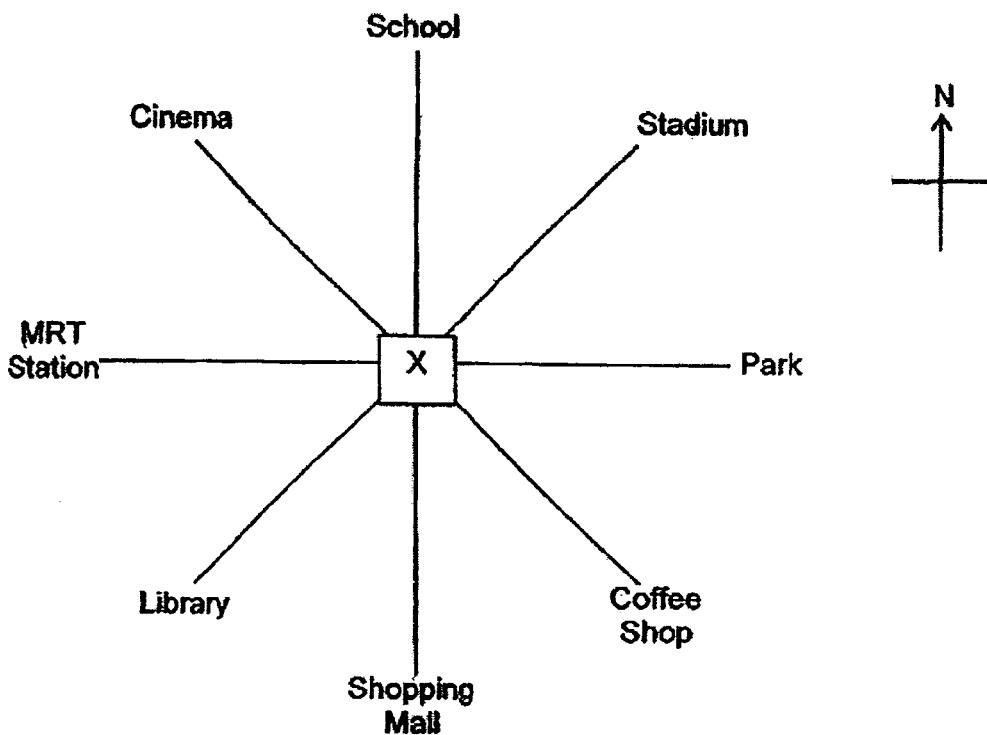
During which 1 minute interval did he swim the furthest?

- (1) 1 to 2
- (2) 2 to 3
- (3) 3 to 4
- (4) 0 to 1

14. Which of the following fractions is not in its simplest form?

- (1) $\frac{2}{5}$
- (2) $\frac{5}{9}$
- (3) $\frac{4}{10}$
- (4) $\frac{6}{7}$

15. Look at the diagram. Annie is standing at point X facing north-east now. She will need to turn through an angle of _____ to face the MRT Station.



- (1) 135° in the anti-clockwise direction
- (2) 135° in the clockwise direction
- (3) 45° in the anti-clockwise direction
- (4) 45° in the clockwise direction

SECTION B (40 marks)

Questions 16 to 35 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. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

16. Fill in the blank with the correct number in the number pattern.

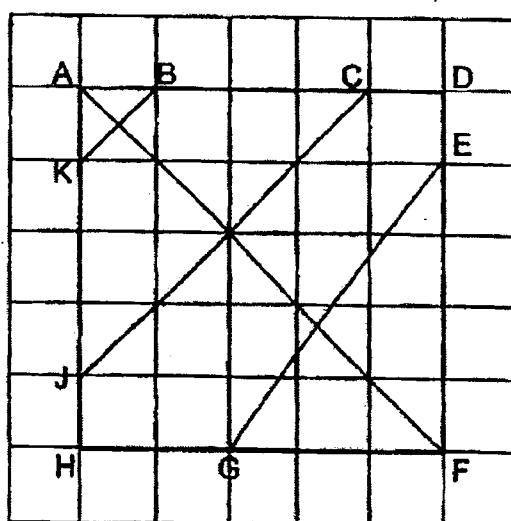
850, 825, 800. . 750

Ans:

17. Some factors of 32 are 1, 2, 4 and 32. What are the other two factors of 32?

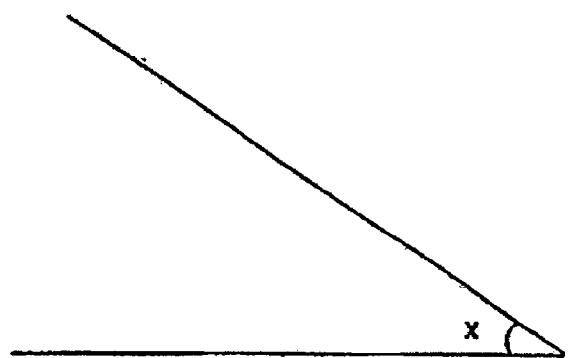
Ans: _____ and _____

18. In the figure, one of the lines is parallel to CJ . Which line is parallel to CJ ?



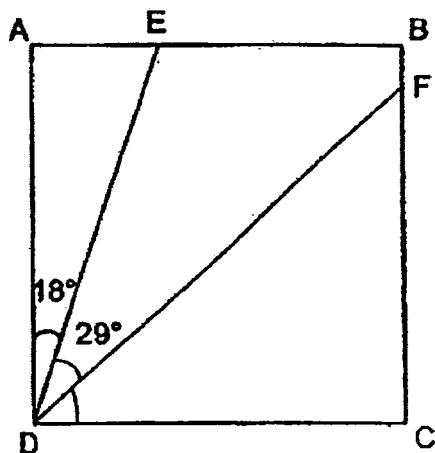
Ans:

19. Measure and write down the size of $\angle x$.



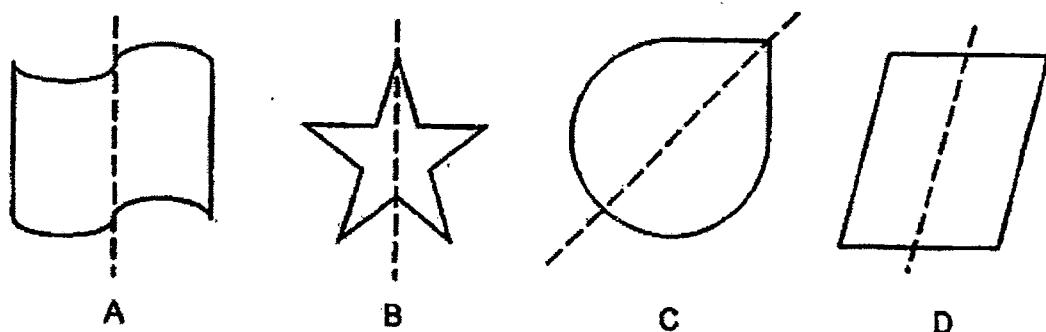
Ans: _____

20. In the figure shown, ABCD is a square. Find $\angle FDC$.



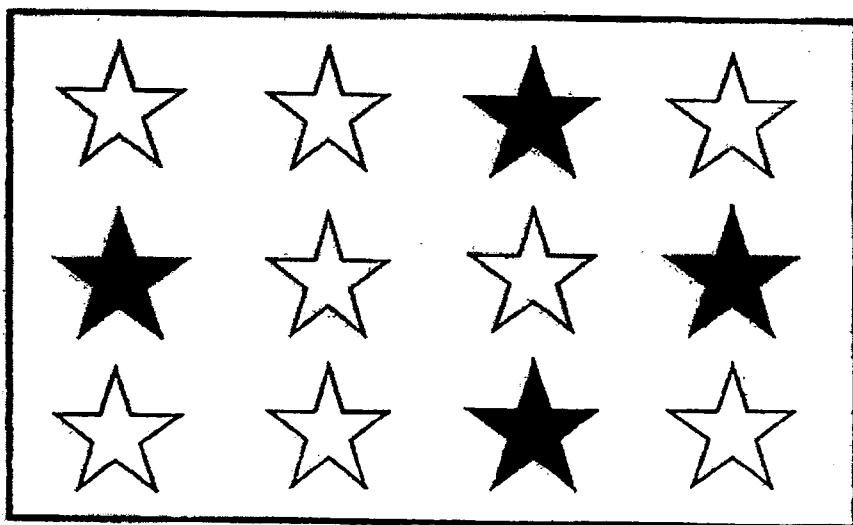
Ans: _____

21. Which of the following figures have a line of symmetry each?



Ans: Figure _____ and _____

22. What fraction of the stars shown are grey in colour?
Give your answer in the simplest form.



Ans: _____

23. $\frac{7}{9} - \frac{2}{3} = \underline{\hspace{2cm}}$

Ans: _____

24. Arrange these numbers from the smallest to the greatest.

0.86, 3.1, 0.799, 0.091

Ans: _____
(smallest) → _____ → _____ (greatest)

25. Express $\frac{70}{100}$ as a decimal.

Ans: _____

26. Factory A produces 4832 toys a year. Factory B produces 1389 more toys a year than Factory A. How many toys do the two factories produce in a year?

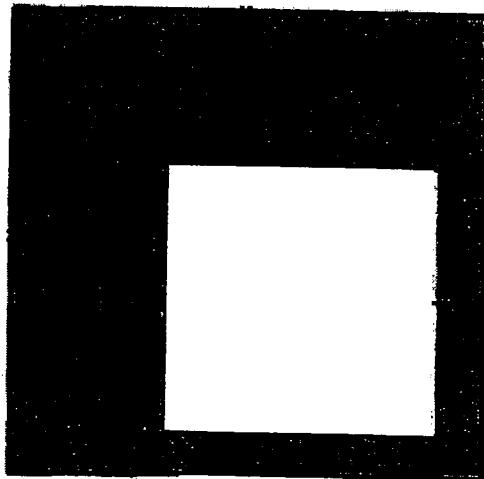
Ans: _____

27. The table shows the number of ice cream cones sold by Mr Tay from Friday to Sunday. He sold twice as many ice cream cones on Saturday than on Sunday. How many ice cream cones did he sell on Sunday?

Day	Number of ice cream cones
Friday	78
Saturday	?
Sunday	?
Total	366

Ans: _____

28. The figure is made up of 2 squares. The length of one side of the smaller square is 6 cm. The shaded area is 45 cm^2 . Find the length of 1 side of the bigger square.



Ans: _____ cm

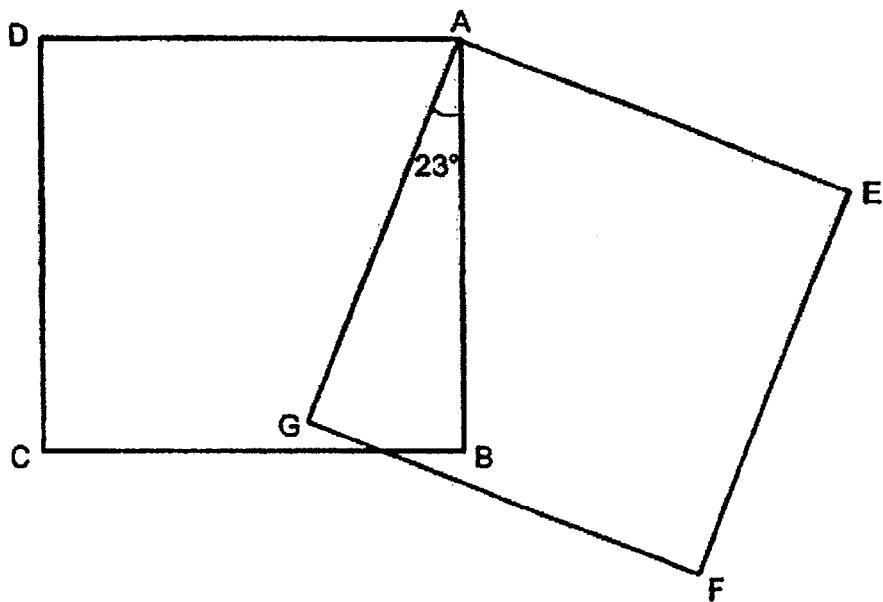
29. A netball match between Sunshine Primary School and Rainbow Primary School lasted 1 h 15 min. The match ended at 3.55 p.m. What time did it start? Express your answer using the 24-hour clock.

Ans: _____

30. Draw $\angle XYZ = 127^\circ$ using the given line. Mark and label the angle.



31. In the figure, ABCD and AEFG are squares. $\angle GAB$ is 23° .
Find $\angle EAB$.

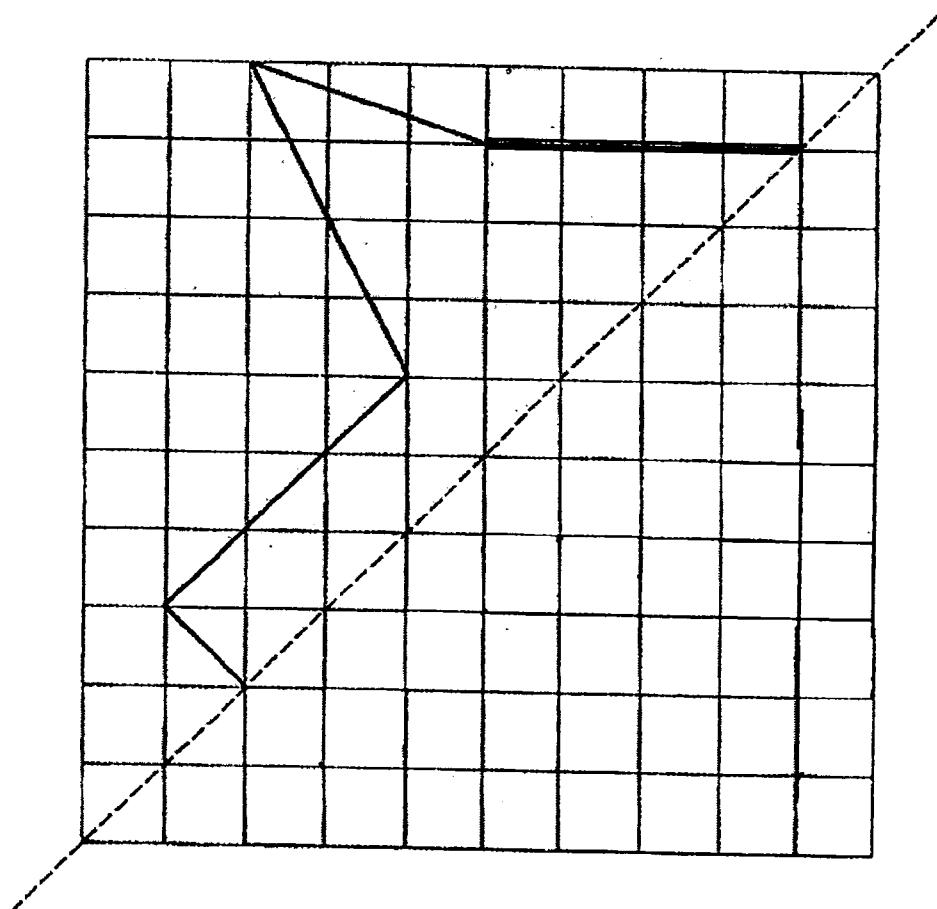


Ans: _____

32. Annie used some thread to make identical bracelets for 8 of her friends. She used 32.78 cm of thread for each bracelet. How much thread did Annie use to make the bracelets?

Ans: _____ cm

33. Complete the figure such that the dotted line is a line of symmetry.



34.

$$85 \div \square = \square \text{ remainder } \square$$
$$\square \times \square = 36$$

Ans:

$$\square = \underline{\hspace{2cm}}$$
$$\square = \underline{\hspace{2cm}}$$

35. The cost of 1 pen and 5 pencils is \$39.50.
The cost of 3 pens and 5 pencils is \$63.50.
What is the cost of 4 pens and 10 pencils?

Ans: \$

SECTION C (35 marks)

For questions 36 to 44, 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. Answers in fractions must be expressed in the simplest form. 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.

36. There are 5788 beads in container A.
There are 295 fewer beads in container B than in container A.
How many beads are there altogether?

Ans: _____ [3]

37. The table shows the number of pupils in a class who were born from January to April.

Month	January	February	March	April
Boys	3	1	1	4
Girls	2	4	0	4

- a) How many pupils in the class were born in the first 4 months of the year?
b) There were 44 pupils in the class altogether. How many pupils were born from May to December?
c) Joseph was born in March. How many pupils in his class have birthdays earlier than him in the year?

Ans: a) _____ [1]

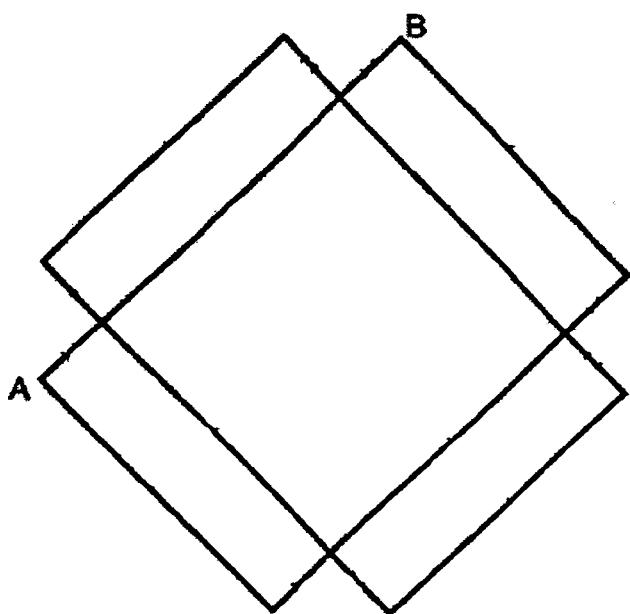
b) _____ [1]

c) _____ [1]

38. Pei Ling had 3 times as many cards as Zandy.
Sulaiman had half the number of cards Zandy had.
There were a total of 1278 cards.
How many more cards did Pei Ling have than Zandy?

Ans: _____ [3]

39. The figure is made up of 4 identical rectangles and a square. The length of each rectangle is 4 times its breadth. AB is 24 cm. Find the area of the entire figure.



Ans: _____ [4]

40. Miss Tan bought some ingredients for a party.
First, she bought some milo from Stall A with \$5.20 more than half of her
money. After that, she bought some ice from Stall B with \$1.20 less than half of
her remaining money. She had \$4 left.
How much money did she spend buying milo from Stall A?

Ans: _____ [4]

41. Yihui loves watching Korean drama. She recorded 3 episodes of it to watch after she reached home. Each episode lasted for 48 minutes. She finished watching all the episodes without stopping at 9.30 p.m. What time did she start watching her Korean drama? Express your answer in 24 hour clock.

Ans: _____ [4]

42. Mr. Tan bought 5 boxes of erasers. There were 24 erasers in each box. He gave $\frac{3}{8}$ of the erasers to his daughter and some to his son. He had 70 erasers left. How many erasers did Mr. Tan give to his son?

Ans: _____ [4]

43. Mr. Johnson walked 6500 steps in 3 days. On Monday, he took some steps, on Tuesday, he took $\frac{2}{5}$ of the steps and on Wednesday, he took $\frac{1}{2}$ of the steps.
- a) What fraction of the 6500 steps did Mr. Johnson take on Monday? Give your answer in the simplest form.
 - b) How many steps did Mr. Johnson take in total for Tuesday and Wednesday?

Ans: a) _____ [2]

b) _____ [3]

44. Su Cheng spent 10 days on a cruise during her June holiday. For every dollar she spent on the cruise, she earned 10 points. She earned 500 points on her 1st day. On each subsequent day, she earned 50 more points than the previous day.
- a) What was the total number of points she earned in the first four days?
 - b) What was the total number of points she earned at the end of her cruise holiday?
 - c) How much did she spend altogether on the cruise?

Ans: a) _____ [2]

b) _____ [2]

c) _____ [1]

-End of Paper-
Please check your work carefully ☺

SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL
 LEVEL : PRIMARY 4
 SUBJECT : MATH
 TERM : 2017 SA2

CONTACT :

SECTION A

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	2	2	3	1	1	2	1	2	4
Q 11	Q12	Q13	Q14	Q15					
2	3	2	3	2					

SECTION B

Q16	Q17	Q18	Q19	Q20
775	16, 8	KB	33	43
Q21	Q22	Q23	Q24	
B,C	1/3	1/9	0.091, 0.799, 0.86, 3.1	

Q25)	<u>0.70</u>
Q26)	$4832 \times 2 = 9664$ $9664 + 1389 = \underline{11053}$
Q27)	$366 - 78 = 288$ $288/3 = \underline{96}$
Q28)	$6 \times 6 = 36$ $36 + 45 = 81$ Length $\rightarrow \underline{9}$
Q29)	<u>1440</u>
Q30)	
Q31)	$90 - 23 = \underline{67}$

Q32)	$32.78 \times 8 = \underline{262.24}$
Q33)	
Q34)	$9 \times 9 + 4 = \underline{85}$
Q35)	$2 \text{ pens} \rightarrow 63.50 - 39.50 = 24.00$ $1 \text{ pen} \rightarrow 24.00 / 2 = 12.00$ $5 \text{ pencils} \rightarrow 39.50 - 12.00 = 27.50$ $10 \text{ pencils} \rightarrow 27.50 \times 2 = 55.00$ $4 \text{ pens} \rightarrow 24.00 \times 2 = 48.00$ $55 + 48 = \underline{103}$
Q36)	$5788 - 245 = 5493$ $5493 + 5788 = \underline{11281}$
Q37)	(a) $5 + 5 + 1 + 8 = \underline{19}$ (b) $44 - 19 = \underline{25}$ (c) $5 + 5 = \underline{10}$
Q38)	$1278 / 9 = 142$ $142 \times 4 = \underline{568}$
Q39)	$24 / 6 = 4$ $4 \times 4 = 16$ $16 \times 4 = 64$ $64 \times 4 = 256$ $16 \times 16 = 256$ $256 + 256 = \underline{512}$
Q40)	$4 - 1.20 = 2.80$

	$2.80 \times 2 = 5.60$ $5.60 + 5.20 = 10.80$ $10.80 + 5.20 = \underline{16.00}$
Q41)	<u>1906</u>
Q42)	$24 \times 5 = 120$ $120/8 = 15$ $15 \times 3 = 45$ $45 + 70 = 115$ $120 - 115 = \underline{5}$
Q43)	(a) <u>1/10</u> (b) $6500/10 = 650$ $6500 - 650 = \underline{5850}$
Q44)	(a) $500 + 550 + 600 + 650 = \underline{2300}$ (b) $500 + 550 + 600 + 650 + 700 + 750 + 800 + 850 + 900 + 950 = \underline{7250}$ (c) $\$7250/10 = \underline{\$725}$



RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 2
2015

Name : _____ ()

Banded Class: P4 _____

Your Score Out of 100 marks	
Parent's Signature	

29th October 2015 MATHEMATICS Duration: 1 h 45 min

SECTION A (25 marks)

Question 1 to 5 carry 1 mark each. Question 6 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. All the diagrams are not drawn to scale.

Make your choice (1, 2, 3 or 4). Shade your answer (1, 2, 3 or 4) on the OAS provided.

1. In which of the following numbers does the digit 6 stand for 600?

- (1) 6890
- (2) 8906
- (3) 8690
- (4) 9860

2. $40\ 000 + 2000 + 700 + 1 =$ _____

- (1) 42 710
- (2) 42 701
- (3) 42 071
- (4) 40 271

3. The area of a square is 144 cm².
Find its length.

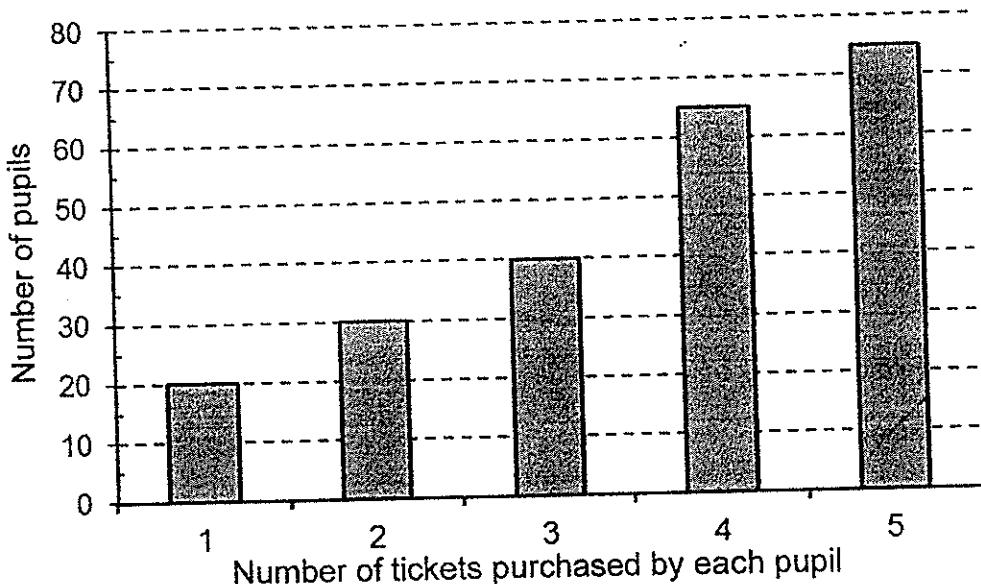
- (1) 12 cm
- (2) 24 cm
- (3) 36 cm
- (4) 72 cm

4. The opening hours of a shop are as shown below. How long is the shop open each day?



- (1) 5 h 15 min
- (2) 5 h 45 min
- (3) 6 h 15 min
- (4) 6 h 45 min

5. The following graph shows the number of concert tickets purchased by a group of pupils. Study the graph carefully and answer the question that follows.



What is the total number of pupils who purchased more than 3 tickets?

- (1) 40
- (2) 50
- (3) 140
- (4) 180

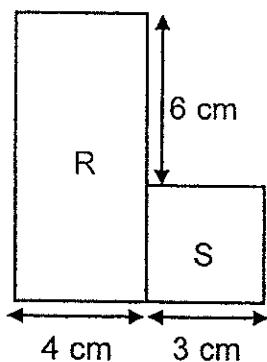
6. Express $7\frac{3}{20}$ as a decimal.

- (1) 7.32
- (2) 7.3
- (3) 7.15
- (4) 7.015

7. Which of the following is an equivalent fraction of $\frac{1}{4}$?

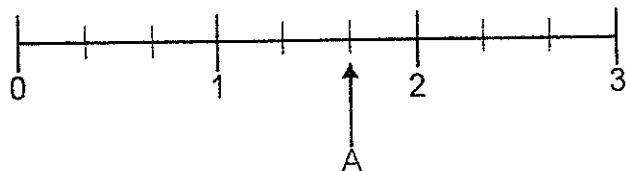
- (1) $\frac{4}{12}$
- (2) $\frac{6}{16}$
- (3) $\frac{2}{8}$
- (4) $\frac{3}{4}$

8. The figure shown is made up of a square S of side 3 cm and a rectangle R with breadth 4 cm. What is the length of the rectangle?



- (1) 6 cm
- (2) 7 cm
- (3) 9 cm
- (4) 10 cm

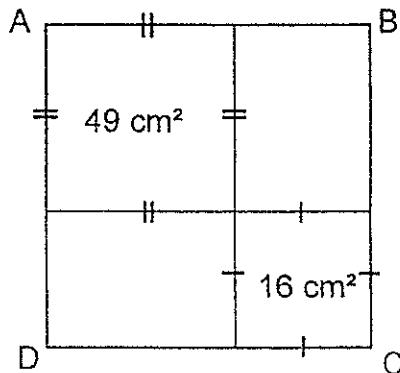
9. Which of the following mixed numbers is represented by letter A in the number line shown below?



- (1) $1\frac{1}{2}$
(2) $1\frac{1}{3}$
(3) $1\frac{2}{3}$
(4) $1\frac{1}{4}$
10. What is the number when 100.63 is rounded off to 1 decimal place?
- (1) 100.0
(2) 100.6
(3) 100.7
(4) 101.0
11. Which of the numbers below is 100 more than 4378?
- (1) 4379
(2) 4388
(3) 4478
(4) 5378
12. Siti bought 2 cakes and 2 buns at \$6.80. Each cake cost \$0.40 more than each bun.
What was the cost of one bun?
- (1) \$1.50
(2) \$1.60
(3) \$3.00
(4) \$3.40

13. ABCD is a square made up of 2 squares and 2 rectangles. The squares have an area of 49 cm^2 and 16 cm^2 respectively.

Find the area of ABCD.



- (1) 65 cm^2
- (2) 121 cm^2
- (3) 130 cm^2
- (4) 260 cm^2

14. The table below shows the number of canned drinks sold during a softball carnival over three days.

Day	Pepsi	Coke	Total
Monday	123	140	263
Tuesday	308	425	733
Wednesday	?	?	432

The number of Coke sold on Wednesday is three times the number of Pepsi, how many cans of Coke were sold on Wednesday?

- (1) 108
- (2) 144
- (3) 234
- (4) 324

15. Jane bought 8 identical packets of juice. After she had used 5 packets of juice, she had 3450ml of juice left. How many litres of juice did she buy?

- (1) 0.69ℓ
- (2) 1.15ℓ
- (3) 8.40ℓ
- (4) 9.20ℓ

SECTION B (40 marks)

Question 16 to 35 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. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

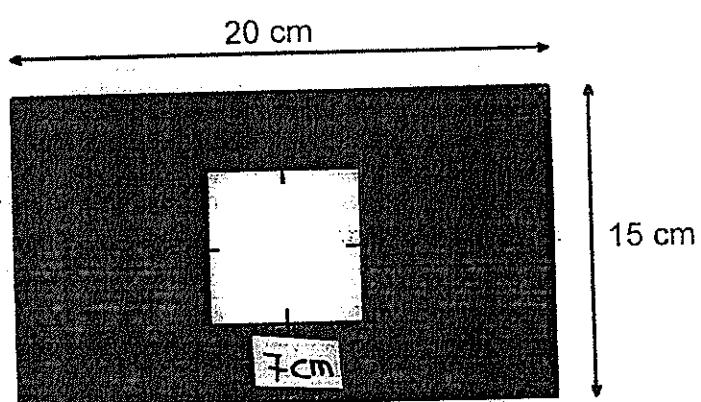
16. Find the missing number in the number pattern below.

_____, 1045, 2045, 3045, 4045

Ans: _____

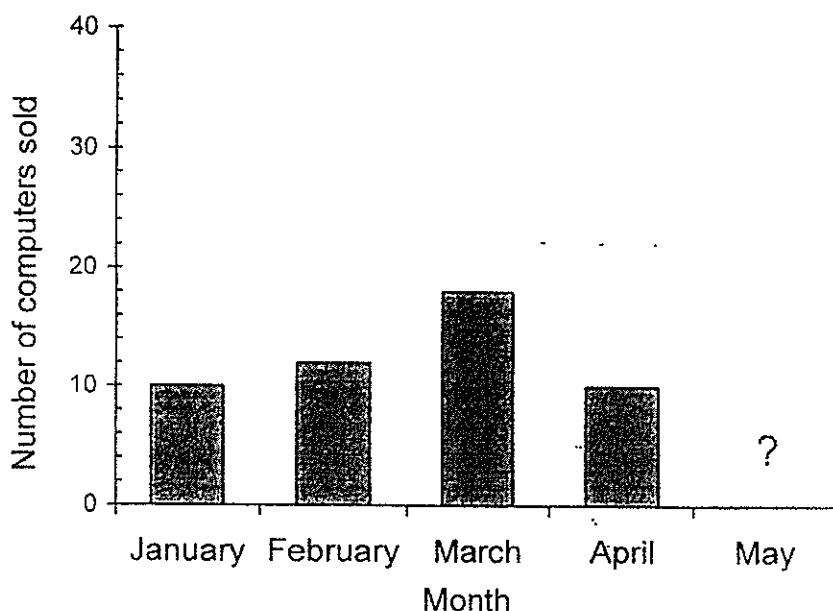
17. The figure below is made up of a rectangle and a square of side 7cm.

Find the area of the shaded part.



Ans: _____ cm^2

18. The graph below shows the number of computers sold from January to April. The number of computers sold in May is two times the number of computers sold in February.



How many computers were sold in May?

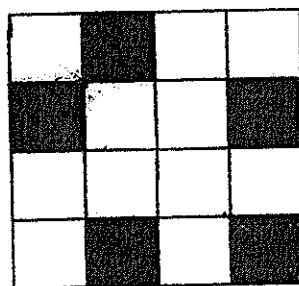
Ans: _____

19. $0.7 = \frac{7}{\square}$

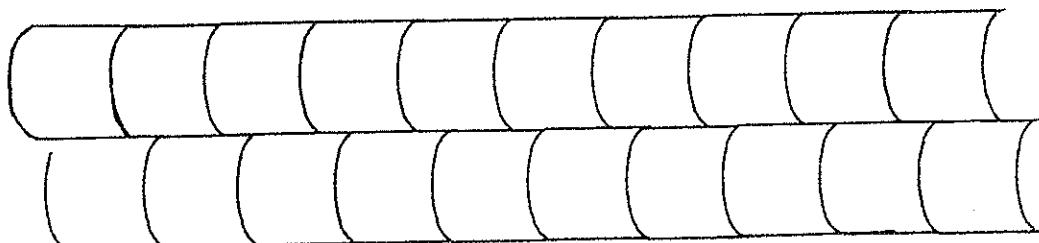
What is the missing number in the box?

Ans: _____

20. Draw the line of symmetry of the figure shown below.



21. Shade the unit shape of tessellation for the figure below.



22. Which two of the fractions given below are bigger than $\frac{1}{2}$?

$$\frac{3}{9}, \frac{5}{8}, \frac{6}{12}, \frac{2}{3}$$

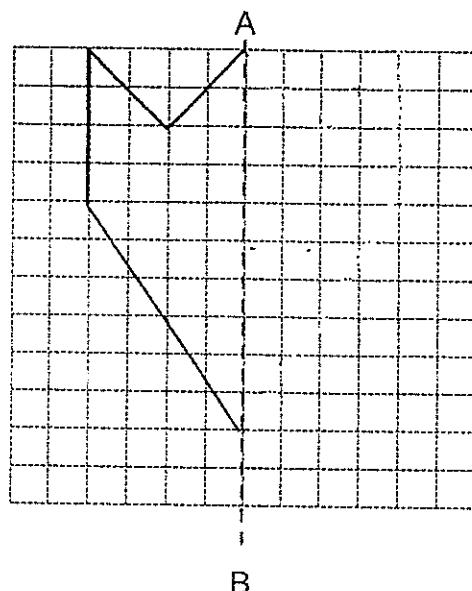
Ans: _____ and _____

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

$$1.089, 0.31, 1.12, 0.032$$

Ans: _____, _____, _____, _____
Greatest Smallest

24. Complete the symmetric figure shown below with AB as the line of symmetry on the square grid.



25. What is the value of $\frac{7}{8} + \frac{1}{4}$? Express your answer as a mixed number.

Ans: _____

26. Round off 24 537 to the nearest hundred.

Ans: _____

27. Some factors of 32 are 1, 2, 4 and 32. What are the other two factors of 32?

Ans: _____

28. Find the value of 4.63×7 .

Ans: _____

29. The table below shows the list of items in a P.E storeroom.
One of the numbers was covered by ink.

Type of Item	Number of Items
Basketball	28
Bean bag	32
Tennis Ball	

$\frac{1}{5}$ of the total number of items in the P.E. store room are tennis balls.

How many tennis balls are there?

Ans: _____

30. Sue drove from Singapore to Penang in 12 hours 17 minutes.
She reached Penang at 18 10 on Monday.
What time did Sue start driving from Singapore?
Express your answer in 24 hour clock.

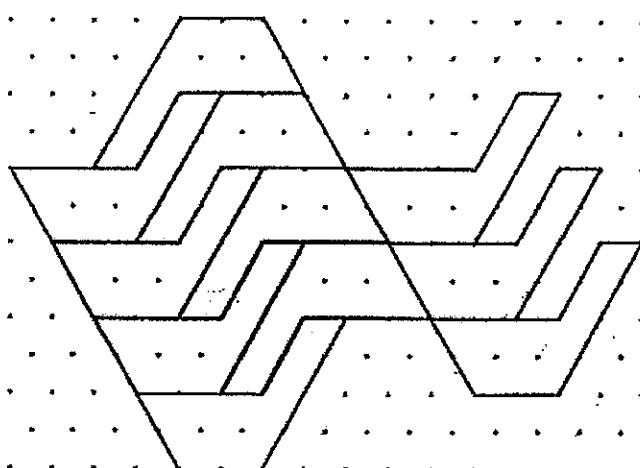
Ans: _____

31. Measure $\angle a$.



Ans: _____

- 32 Complete the tessellation below with 2 more units shape of tessellation.



33. 8 identical chairs weigh 8576 g.
What is the mass of 1 chair?
Give your answer in kg.

Ans: _____ kg

34. Both number X and number Y when rounded off to nearest hundreds are 1200 and 5500 respectively.
What is the smallest possible total for X and Y?

Ans: _____

35. Lucy spent \$30 on 6 slices of cakes and 5 bottles of drink. She paid \$18 for all the cakes. Each bottle of drink was of the same price.
What was the cost of a bottle of drink?

Ans: \$_____

SECTION C (35 marks)

For question 36 to 44, 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. Answers in fractions must be expressed in the simplest form. 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.

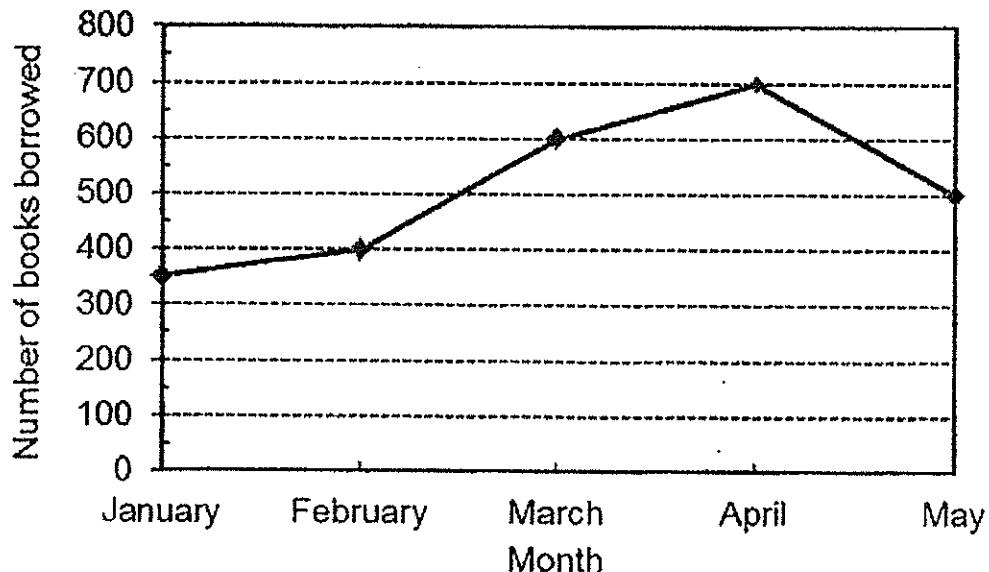
36. Mr Lee bought some pens for his class of 40 pupils.

15 pupils received a total of 60 pens while the rest of the pupils received 3 pens each.

How many pens did Mr Lee buy?

Ans: _____ [3]

37. The line graph below shows the number of books borrowed from the library from January to May.



- Find the total number of books borrowed from January to May.
- How many more books were borrowed in April than in January?

Ans: a) _____ [2]

b) _____ [1]

38. Josephine completed 4 jumps in the standing broad jump during NAPFA test.
The total distance covered in her jumps was 394.8 cm.
The distances covered for her first and second jumps were 97.7 cm and 98.9 cm.
The distances covered for her third and fourth jumps were the same.
What was the distance covered for the fourth jump?

Ans: _____ [4]

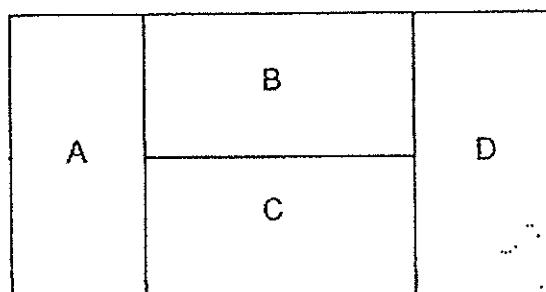
39

The figure below is made up of 4 identical rectangles, A, B, C and D.

The perimeter of rectangle A is 72 cm.

(a) What is the breadth of rectangle B?

(b) Find the area of rectangle C.



Ans a) _____ [2]

b) _____ [2]

40. Ming Huat had 255 watermelons and 240 oranges at first. He used $\frac{3}{5}$ of the watermelons and $\frac{3}{4}$ of the oranges. He then bought some more oranges. In the end, $\frac{1}{8}$ of the fruits he had left were watermelons. How many oranges did he buy?

Ans: _____ [4]

41. Study the pattern below. Each figure is made up of identical squares.

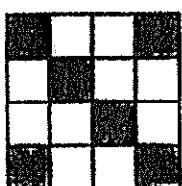


Figure 1

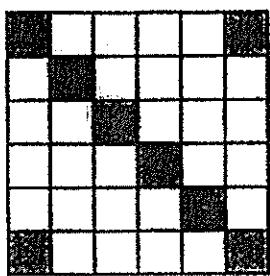


Figure 2

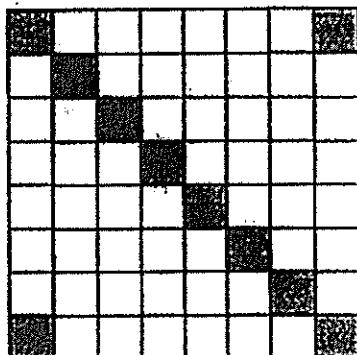


Figure 3

(a) What fraction of Figure 1 is shaded?

Express your answer in the simplest form.

(b) What is the number of shaded squares in Figure 4?

(c) What is the number of unshaded squares in Figure 8?

(a) _____ [1]

(b) _____ [1]

(c) _____ [3]

42. Chloe had \$150 more than Ann.

After Ann gave \$135 to Chloe, Chloe had 8 times as much money as Ann.

How much money did Chloe have at first?

Ans: _____ [4]

43. A container filled with 4 identical marbles weighs 1700g.
The same container when filled with 2 identical balls weighs 500g.
The mass of each marble is two times the mass of each ball.
What is the mass of the container?

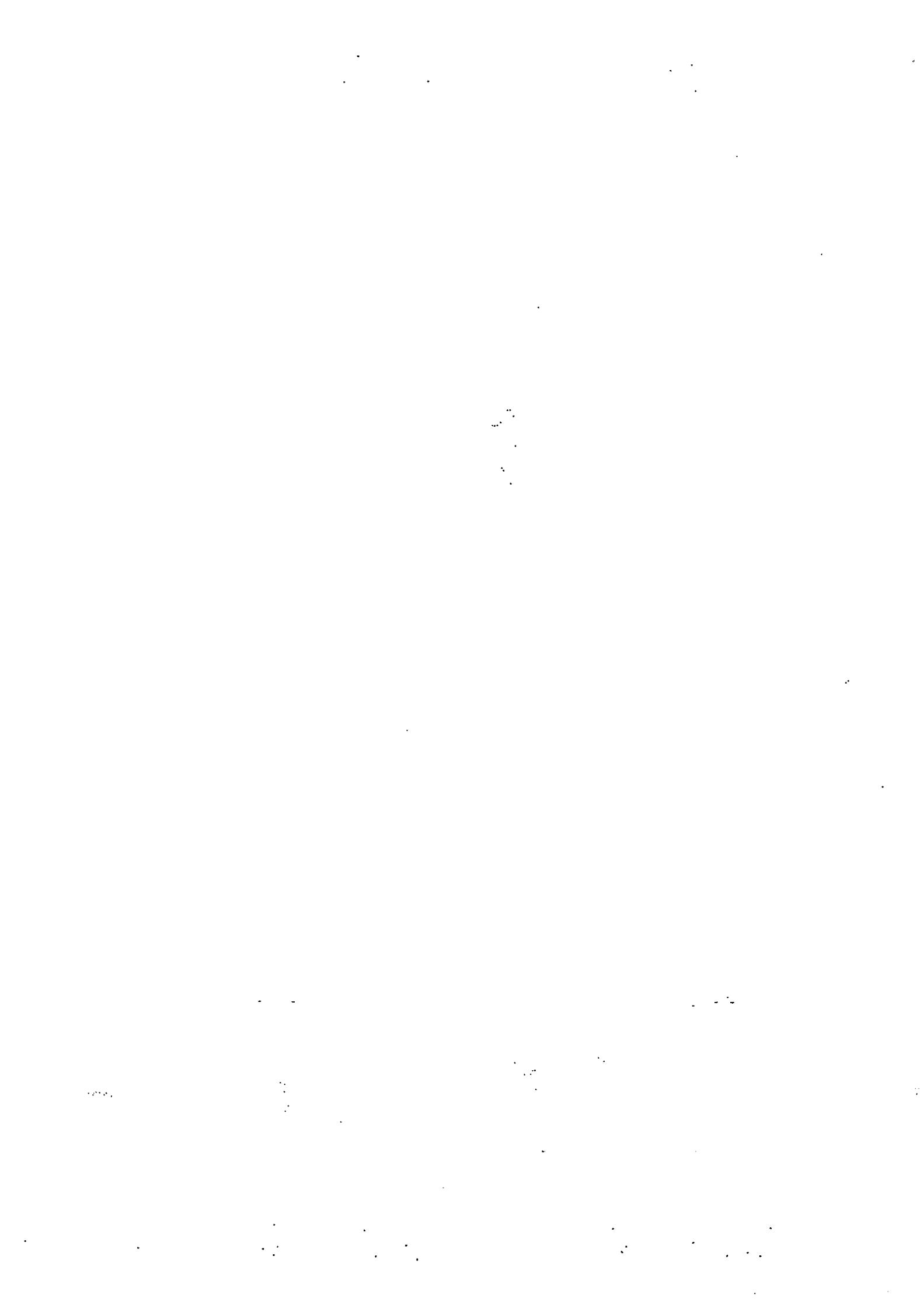
Ans: _____ [4]

44. Da Hua Primary School took part in an inter-school games carnival and collected 116 medals altogether in 4 days.
On the second day, the school collected 6 more medals than the first day.
On the next two days, the school collected 6 more medals each day than the previous day.
How many medals did the school collect on the first day?

Ans: _____ [4]

-End of Paper-
Please check your work carefully ☺

Setters: Mr. Johnson Ong
Mrs. Bell



Ans

SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : SA2

CONTACT : CALL MR GAN @ 9299 8971, 8606 5443, 9247 5053

SECTION A

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

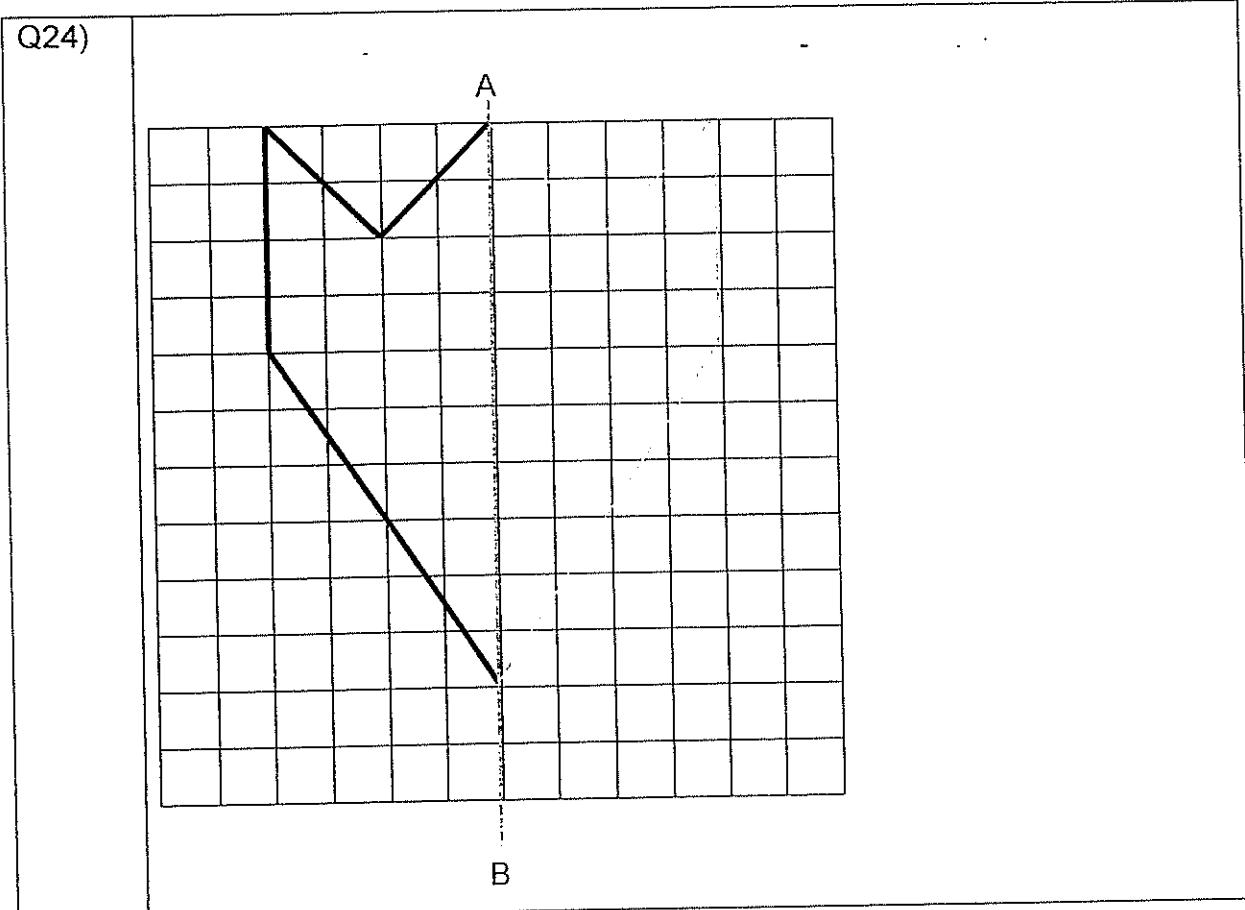
Q 11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
3	1	2	4	4					

SECTION B

Q 16	Q17	Q18	Q19	
45	251	24	10	

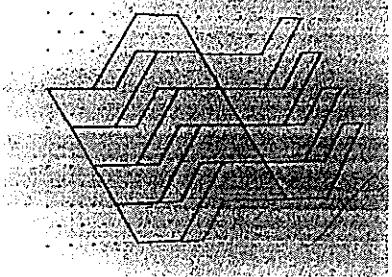
Q20)

Q 21	Q22	Q23
{Just shade one of the shape}	$\frac{2}{3}$ and $\frac{5}{8}$	1.12, 1.089, 0.31, 0.032



Q 25	Q26	Q27	Q28	Q29	Q30
$\frac{1}{8}$	24 500	8 and 16	32.41	15	05 53

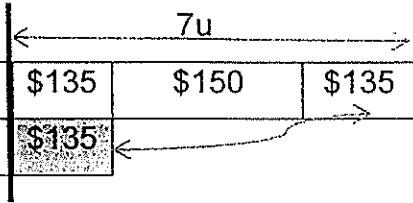
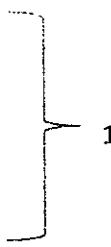
Q31)	135°
------	------

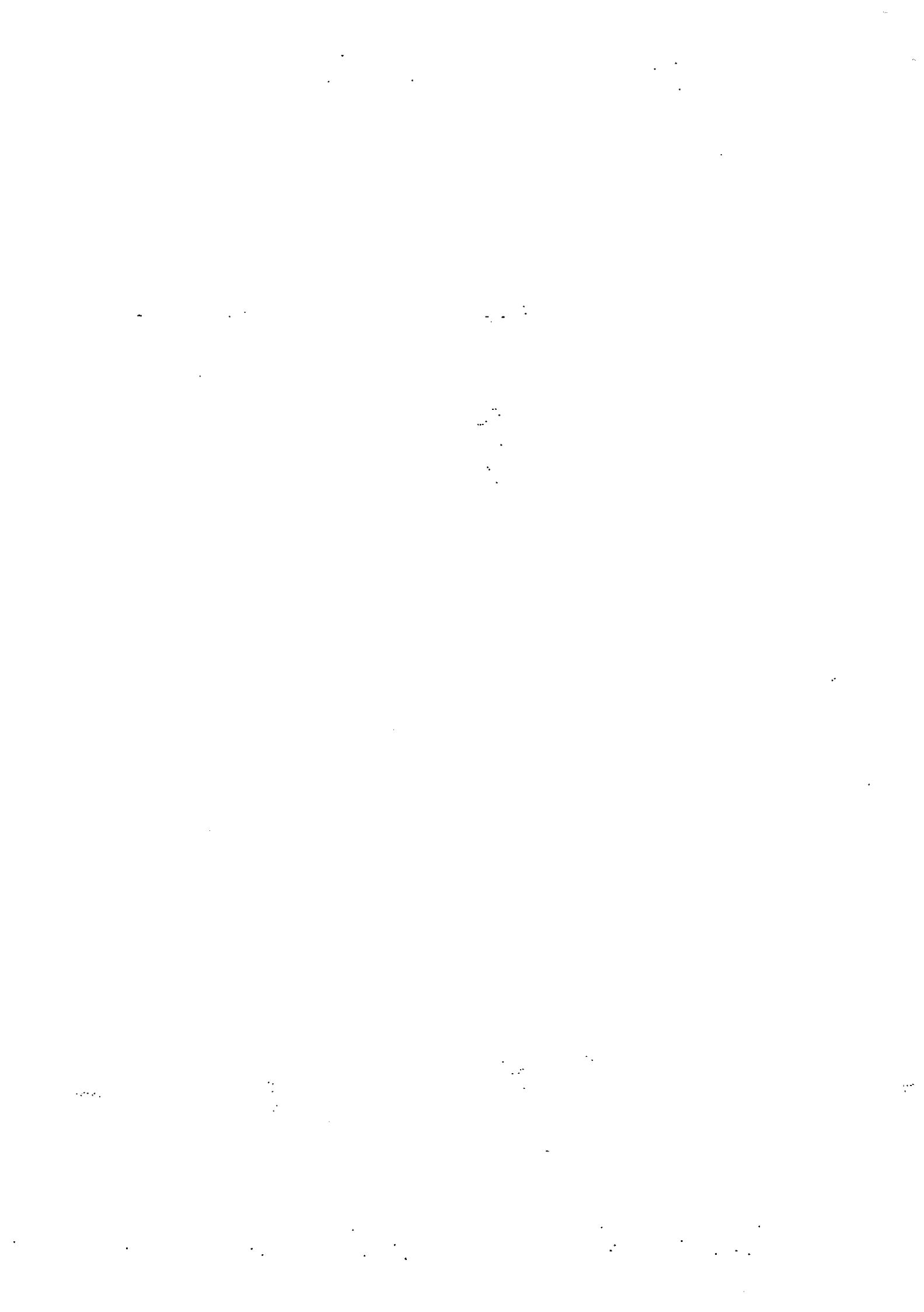
Q32)	
Q33)	$8576 \div 8 = \underline{1.072}$
Q34)	$X \rightarrow 1150$ $Y \rightarrow 5450$ $X + Y \rightarrow 1150 + 5450 = \underline{6600}$
Q35)	$30 - 18 = 12$ $12 \div 5 = \underline{2.40}$

SECTION C

Q36)	$40 - 15 = 25$ $25 \times 3 = 75$ $75 + 60 = \underline{135}$
Q37)	a) $350 + 400 + 600 = 135$ $1350 + 700 = 2050$ $2050 + 500 = \underline{2550}$ b) $700 - 350 = \underline{350}$
Q38)	$97.7 + 98.9 = 196.6$ $394.8 - 196.6 = 198.2$ $198.2 \div 2 = 99.1$ Ans : <u>99.1 cm</u>

Q39)	<p>a) $72 \text{ cm} \div 6 = \underline{12 \text{ cm}}$</p> <p>b) $12\text{cm} + 12\text{cm} = 24 \text{ cm}$ $24 \text{ cm} \times 12 \text{ cm} = \underline{288 \text{ cm}^2}$</p>																		
Q40)	$1 - \frac{3}{5} = \frac{2}{5}$ $255 \div 5 = 51$ W left $\rightarrow 51 \times 2 = 102$ $1 - \frac{3}{4} = \frac{1}{4}$ O left $\rightarrow 240 \div 4 = 60$ $102 \times 7 = 714$ $714 - 60 = \underline{654}$																		
Q41)	<p>a) $4 \times 4 = 16$ $6/16 = \underline{3/8}$</p> <p>b) $4 \times 2 = 8$ $8 + 4 = \underline{12}$</p> <p>c) $8 \times 2 = 16$ $16 + 4 = 20$</p> <table border="1" data-bbox="285 1505 1333 1617"> <thead> <tr> <th>X 2 :</th> <th>2</th> <th>4</th> <th>6</th> <th>8</th> <th>10</th> <th>12</th> <th>14</th> <th>16</th> </tr> </thead> <tbody> <tr> <th>Pattern Number :</th> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> </tr> </tbody> </table> <p>$18 \times 18 = 324$ $324 - 20 = \underline{304}$</p>	X 2 :	2	4	6	8	10	12	14	16	Pattern Number :	1	2	3	4	5	6	7	8
X 2 :	2	4	6	8	10	12	14	16											
Pattern Number :	1	2	3	4	5	6	7	8											

Q42)	<p><u>Before</u></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>C</td> <td></td> <td>\$150</td> </tr> <tr> <td>A</td> <td></td> <td></td> </tr> </table> <p><u>After</u></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>C</td> <td>\$135</td> <td>\$150</td> <td>\$135</td> </tr> <tr> <td>A</td> <td>\$135</td> <td></td> <td></td> </tr> </table>  <p> $150 + 135 + 135 = 420$ $7u \rightarrow \\$420$ $1u \rightarrow \\$420 \div 7 = 60$ C at first $\rightarrow 60 + \\$135 + \\$150 = \underline{\\$345}$ </p>	C		\$150	A			C	\$135	\$150	\$135	A	\$135								
C		\$150																			
A																					
C	\$135	\$150	\$135																		
A	\$135																				
Q43)	$1700 - 500 = 1200$ $4 - 1 = 3$ $1200 \div 3$ $400 \times 4 = 1600$ $1700 - 1600 = \underline{100}$																				
Q44)	<p>1st Day 2nd Day 3rd Day 4th Day</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>6</td> <td></td> </tr> <tr> <td></td> <td></td> <td>6</td> <td>6</td> </tr> <tr> <td></td> <td></td> <td>6</td> <td>6</td> </tr> <tr> <td></td> <td></td> <td>6</td> <td>6</td> </tr> </table>  <p> $6 \times 2 = 12$ $6 \times 3 = 18$ $18 + 12 + 6 = 36$ $116 - 36 = 80$ $80 \div 4 = \underline{20}$ </p>							6				6	6			6	6			6	6
		6																			
		6	6																		
		6	6																		
		6	6																		





RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 2 2013

Name: _____ () Class: P4 _____

Your Score Out of 100 marks	
Parent's Signature	

8th October 2013 MATHEMATICS Duration: 1 h 45 min

SECTION A (25 marks)

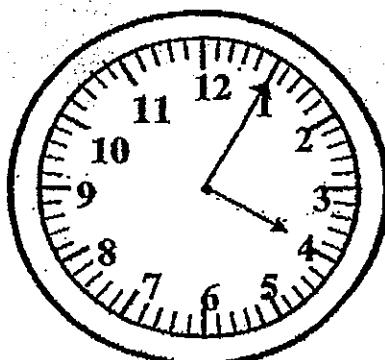
Question 1 to 5 carry 1 mark each. Question 6 to 15 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade your answer (1, 2, 3 or 4) on the OAS provided.

1. The value of the digit 8 in 68 754 is _____.
(1) 80
(2) 800
(3) 8000
(4) 80 000

2. 49 973 when rounded off to the nearest hundreds is _____.
(1) 49 900
(2) 49 970
(3) 49 980
(4) 50 000

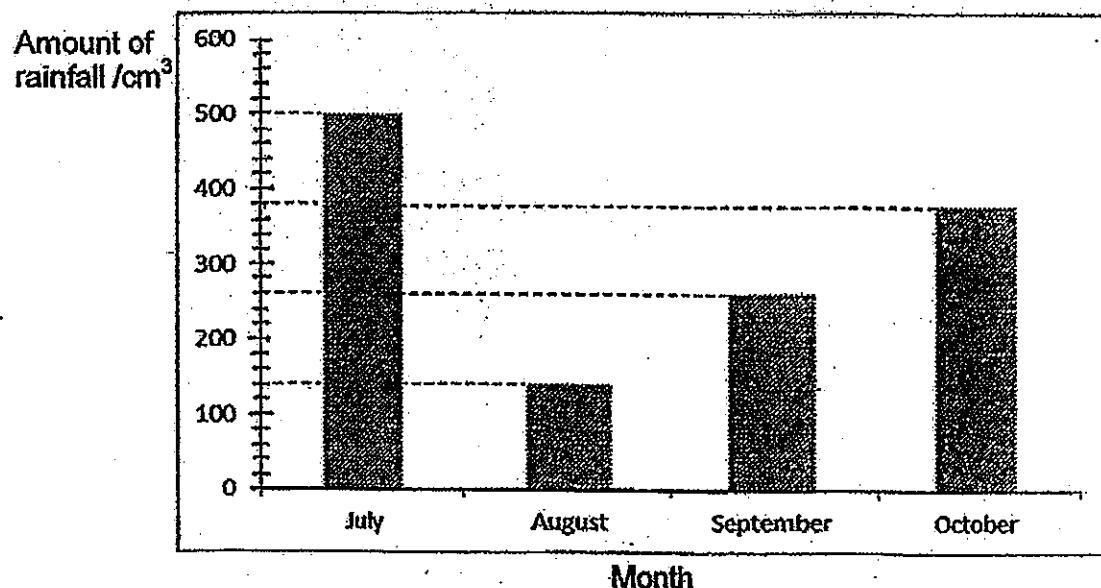
3. The perimeter of a square is 44 cm. Find the area of the square.
(1) 11 cm²
(2) 88 cm²
(3) 121 cm²
(4) 242 cm²

4. Johnny went out of his house in the afternoon as indicated on the clock shown below.
What was the time he left his house? (Express your answer in 24-hour clock)



- (1) 0120
- (2) 0405
- (3) 1320
- (4) 1605

5. The table shows the amount of rainfall



Find the total amount of rainfall for August and September.

- (1) 140 cm³
- (2) 260 cm³
- (3) 300 cm³
- (4) 400 cm³

6. 12 000 cm is _____ m.

- (1) 1.2
- (2) 12
- (3) 120
- (4) 1 200

7. Which one of the following has $\frac{1}{5}$ of the figure shaded?

(1)



(2)



(3)



(4)



8. Which of the following figures has perpendicular lines?

(1)



(2)



(3)



(4)



9. Which of the following fractions is in its simplest form?

(1) $\frac{3}{12}$

(2) $\frac{4}{10}$

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

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

10. What is the number when 146.67 is rounded off to 1 decimal place?

(1) 146.0

(2) 146.6

(3) 146.7

(4) 147.0

11. What is $3987 \div 9$?

(1) 442

(2) 443

(3) 542

(4) 543

12. Justina used 14 fifty-cent coins and some twenty-cent coins to exchange for a \$10 note. How many twenty-cent coins did she use?

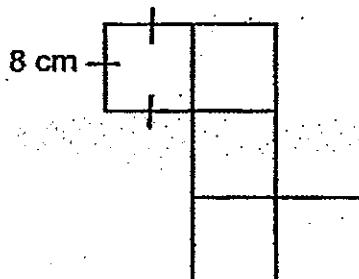
(1) 15

(2) 14

(3) 3

(4) 7

13. The figure below is made up of 5 identical squares.



If the length of each side of the square is 8 cm, find the area of the figure.

- (1) 96 cm^2
- (2) 128 cm^2
- (3) 160 cm^2
- (4) 320 cm^2

14. The table below shows the number of delivered letters in a neighbourhood for 4 weeks in August.

Week	Number of delivered letters
1	650
2	340
3	430
4	300

Which week in August had $\frac{1}{4}$ of the total number of delivered letters?

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

15. Pauline had some money. $\frac{1}{3}$ of the amount that she had was \$16. After she spent some money, she then had $\frac{5}{6}$ of her original amount of money.
How much money did she have in the end?

- (1) \$8
- (2) \$24
- (3) \$40
- (4) \$48

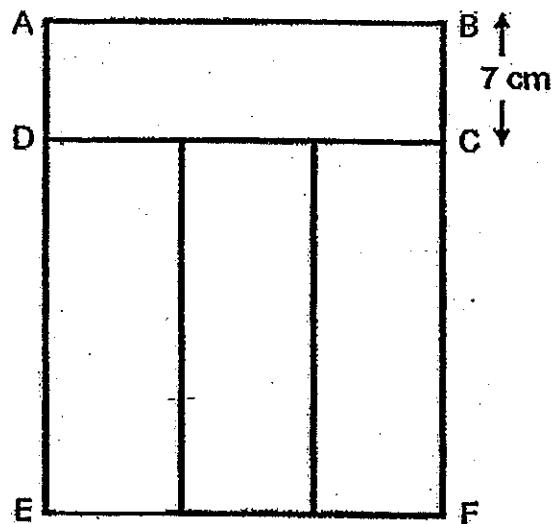
SECTION B (40 marks)

Question 16 to 35 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. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

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

Ans: _____

17. The figure ABFE below is made up of 4 identical rectangles.
BC is 7cm.
Find the perimeter of the figure.



Ans: _____ cm

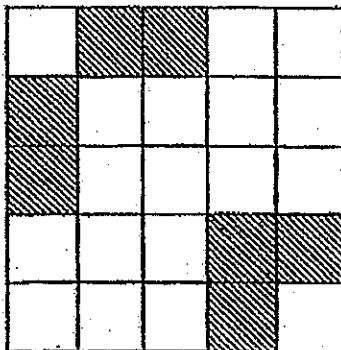
18. The perimeter of a rectangle is 48 m.
The length is thrice its breadth.
What is the breadth of the rectangle?

Ans: _____ m

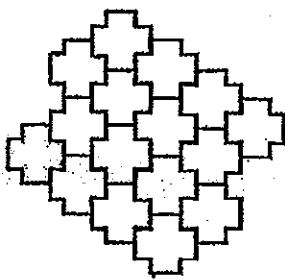
19. A pole measures 3 m 53 cm. What is the total length of 8 such identical poles?

Ans: _____ cm

20. Draw a line of symmetry in the figure shown below.



21. Shade the unit shape of tessellation of the figure below.



22. Which two fractions below are larger than $\frac{1}{2}$?

$$\frac{1}{7}, \frac{2}{3}, \frac{2}{10}, \frac{5}{8}$$

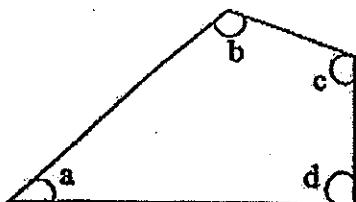
Ans: _____ and _____

23. Arrange these numbers from greatest to smallest.

$$1.234, 0.099, 0.52, 0.989$$

Ans: _____, _____, _____, _____

24. In the figure below, one of the angles is smaller than a right angle.
Name that angle.



Ans: \angle _____

25. Subtract $\frac{1}{3}$ from $\frac{7}{9}$.

Ans: _____

26. Round off 87 983 to the nearest tens.

Ans: _____

27. Two factors of 21 are 1 and 21. What are the other two factors of 21?

Ans: _____ and _____

28. The table below shows the total number of plates of chicken rice and nasi lemak sold in the school canteen from Monday to Friday. Each plate of nasi lemak and chicken rice costs \$0.50.

Day	Chicken Rice	Nasi Lemak	Amount collected
Monday	100	80	\$90
Tuesday	60	90	\$75
Wednesday	75	?	\$60
Thursday	80	60	\$70
Friday	75	65	\$70

How many plates of nasi lemak were sold on Wednesday?

Ans: _____ plates

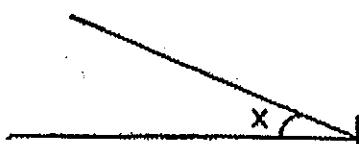
29. Mr Lee used 2 ℥ 250ml of milk to make a tub of ice-cream. How much milk will he need to make 7 such tubs of ice-cream?

Ans: _____

30. Suresh took 20 h and 11 minutes to paint 7 similar walls. How long did he take to paint 1 such wall?

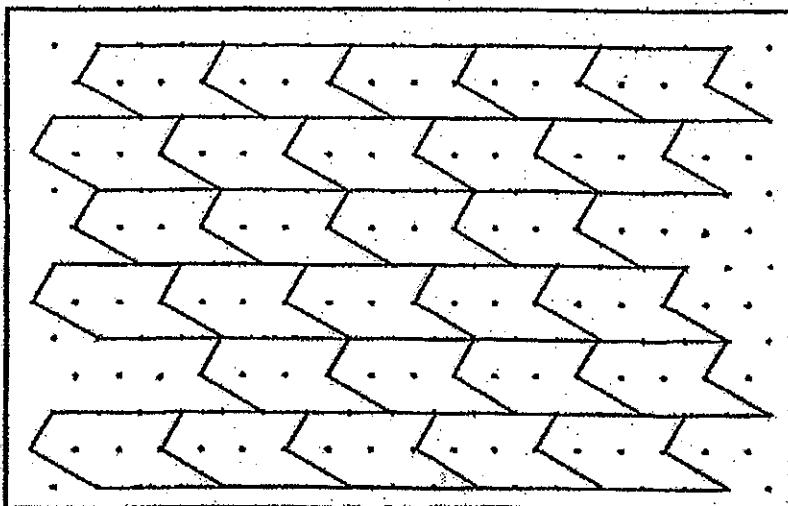
Ans: _____ min

31. Measure and write down the size of $\angle x$.



Ans: _____ °

32. Tessellate the figure below with 2 more units of tessellation.



33. Find the value of 8.34×8 .

Ans: _____

34. The difference between two numbers is 3789. One of the numbers is 8648, what is the other number?

Ans: _____

35. An apple and a pear cost \$1.40. A pear and an orange cost \$1.80. An apple and an orange cost \$2.10.
What is the total cost of an apple, a pear and an orange?

Ans: \$ _____

SECTION C (35 marks)

For question 36 to 44, 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. Answers in fractions must be expressed in the simplest form. 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.

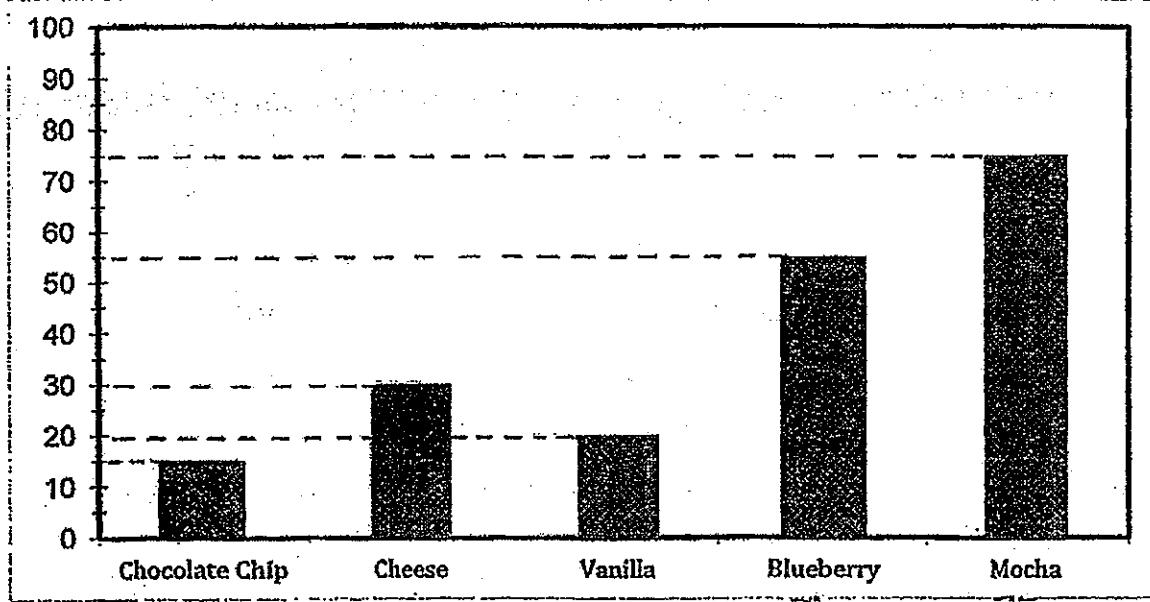
36. Raymond had a piece of rope measuring 7.15 m. He used 2.55 m of the rope for his project and the rest of the rope was shared equally among 5 of his friends.

What was the length of the rope each of his friends received?

Ans: _____ [3]

37. A baker baked 100 muffins of each different flavour every day.
The bar graph below shows the number of muffins that was left at the end of Monday.

Numbers of muffins left



- a) Which flavour was the most popular?
b) How many muffins did the baker sell on the Monday?

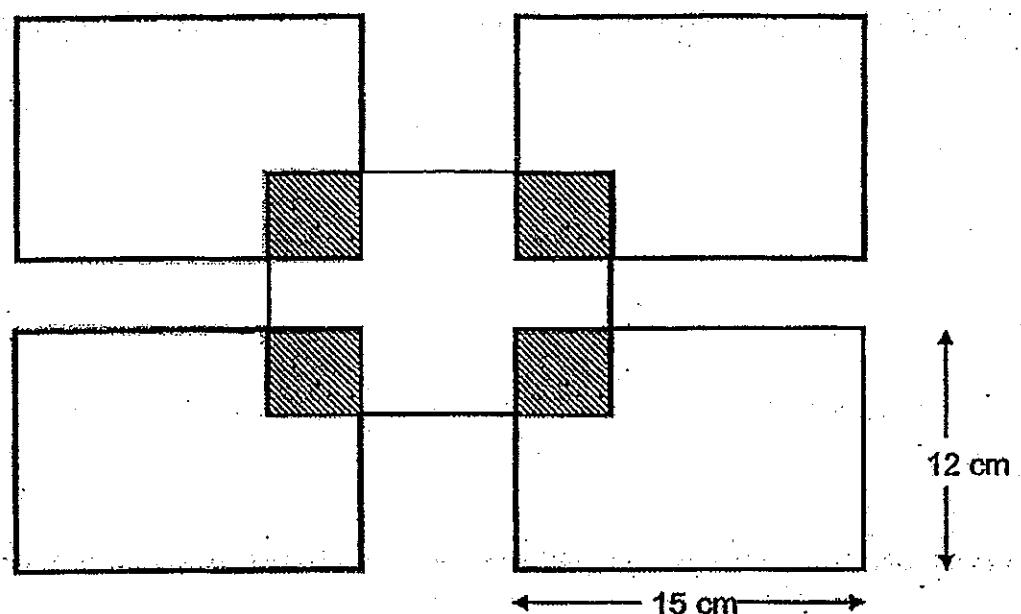
Ans: a) _____ [1]

b) _____ [2]

38. Jenny had some fiction and non-fiction books to sell. She had 160 more fiction books than non-fiction books. After selling half of her fiction books and half of her non-fiction books, she had 3 times as many fiction books than non-fiction books. How many books did Jenny have at first?

Ans: _____ [3]

39. The figure below shows 5 big identical rectangles. 1 rectangle overlaps on the other 4 rectangles to form 4 smaller identical shaded rectangles of 12 cm^2 each. The length of each big rectangle is 15 cm while the breadth is 12 cm.



Find the total area of the unshaded parts.

Ans: _____ [4]

40. Toothpicks are used to form the following figures below. Study the pattern carefully and answer the following questions below.



Figure 1



Figure 2

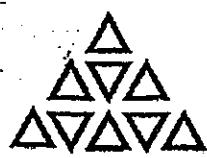


Figure 3

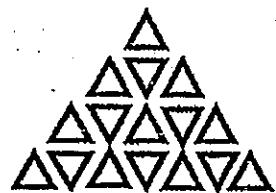


Figure 4

Figure	1	2	3	4	5	...	8
Number of toothpicks	3	12	27	48	(a)	...	(b)
Number of triangle	1	4	9	16			

- a) How many toothpicks are used to form figure 5?
- b) How many toothpicks are used to form figure 8?
- c) Which figure requires 588 toothpicks to be formed?

Ans: a) _____ [1]

b) _____ [1]

c) _____ [2]

41. Jimmy had \$272 more than Melissa at first. Jimmy then received \$141 from his father while Melissa received \$1275 from her mother.

As a result, Melissa now had 3 times as much money as Jimmy.

How much did Jimmy have at first?

Ans: (a) _____ [4]

42. Jane and Peter had an equal amount of money.
Jane bought 2 pairs of shoes while Peter bought 3 bags. A pair of shoes cost \$150
and it cost \$90 more than a bag.
In the end, the amount of money Peter had left was twice as much as the money
Jane had left.

How much money did Peter have at first?

Ans: _____ [4]

43. Mr. Ong had only \$2 notes and \$5 notes in his wallet.

$\frac{1}{3}$ of the total number of dollar notes was \$2 notes.

Mr. Ong took out 10 five-dollar notes and exchanged them for \$2 notes.

In the end, there was an equal number of \$2 notes and \$5 notes

Find the total value of money Mr. Ong had in his wallet.

Ans: _____ [5]

44. The mass of sugar in container A was $\frac{1}{4}$ the mass of sugar in container B.
After 2.25 kg of the sugar in container A and 14 kg 400 g of sugar in container B
was used, the mass of sugar in container A was $\frac{1}{2}$ the mass of sugar in container B.
What was the total mass of sugar in container A and B at first?

Ans: _____ [5]

-End of Paper-

Please check your work carefully ☺

Setters: Mr. Johnson Ong
Mr. Ho Ghim Khoon

Answer Ke

EXAM PAPER 2013

SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL

SUBJECT : PRIMARY 4 MATHS

TERM : SA2

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

Section B

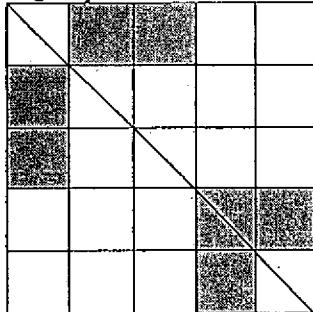
Q16) 122

Q17) 98cm

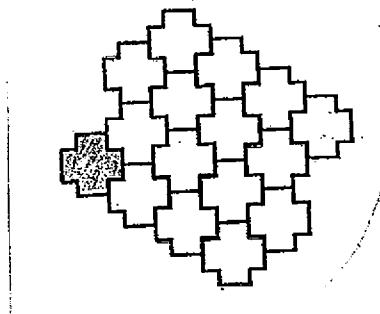
Q18) 6m

Q19) 2824cm

Q20)



Q21)



Q22) $\frac{2}{3}$ and $\frac{5}{8}$

Q23) 1.232, 0.989, 0.52, 0.099

Q24) Δa

Q25) $\frac{4}{9}$

Q26) 87980

Q27) 3 and 7

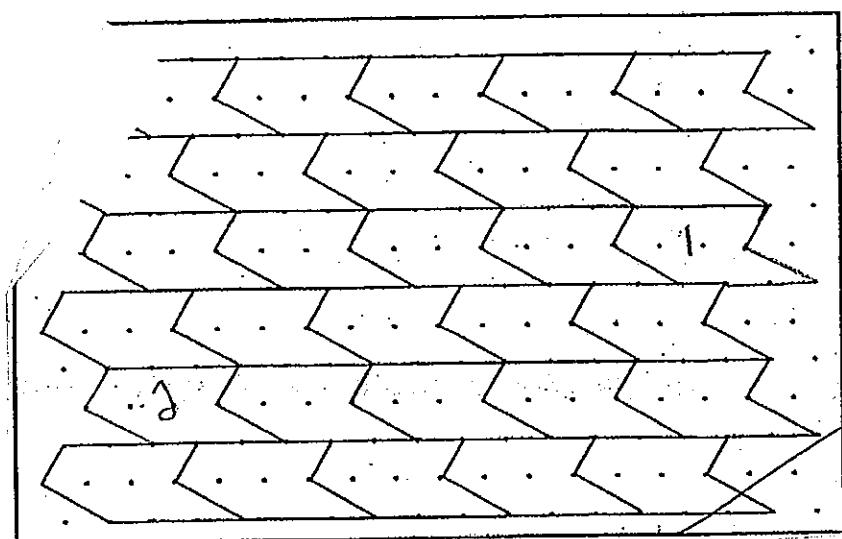
Q28) 45 plates

Q29) 15.750L

Q30) 173min

Q31) 23°

Q32)



Q33) 66.72

Q34) 4859

Q35) \$2.65

Section C

$$Q36) 7.15 - 2.55 = 4.6$$

$$4.6 \div 5 = 0.92$$

Each friend received 0.92m

Q37

a) Chocolate $\rightarrow 100 - 15 = 85$

Cheese $\rightarrow 100 - 30 = 70$

Vanilla $\rightarrow 100 - 20 = 80$

Chocolate chip was the most popular

b) Blueberry $\rightarrow 100 - 55 = 45$

Mocha $\rightarrow 100 - 75 = 25$

$$85 + 70 + 80 + 45 + 25 = 305$$

He sold 305 muffins

Q38) $4u \rightarrow 160$
 $1u \rightarrow 40$
 $40 \times 3 = 320$
She had 320 books at first

Q39) $12 \times 15 = 180$
 $12 \times 4 = 48$
 $180 - 48 = 132$
 $180 - 12 = 168$
 $168 \times 4 = 672$
 $672 + 132 = 804$
The total unshaded area is 804cm^3

Q40

a) $5 \times 5 = 25$
 $25 \times 3 = 75$
75 toothpicks were used

b) $8 \times 8 = 64$
 $64 \times 3 = 192$
192 toothpicks were used

c) $588 \div 3 = 196$
 $196 = 14 \times 14$
It would be Figure 14

Q41) $272 + 141 = 413$
 $1275 - 413 = 862$
 $862 \div 2 = 431$
 $431 - 141 = 290$
He had \$290 at first.

Q42) $150 \times 2 = 300$
 $150 - 90 = 60$
 $60 \times 3 = 180$
 $300 - 180 = 120$
 $120 \times 2 = 240$
 $240 + 180 = 420$
Peter had \$420 at first

$$Q43) 50 \div 2 = 25$$

$$1u \rightarrow 25 + 10 = 35$$

$$35 \times 2 = 70$$

$$70 \times 5 = 350$$

$$350 + 70 = 420$$

He had \$420 in his wallet

$$Q44) 2.25 \times 4 = 9$$

$$2u \rightarrow 14.4 - 9 = 5.4$$

$$1u \rightarrow 5.4 \div 2 = 2.7$$

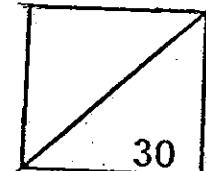
$$2.7 + 2.25 = 4.95$$

$$4.95 \times 5 = 24.75$$

The total mass was 24.75kg



Rosyth School
Topical Test 1
Mathematics
Primary 4



Name: _____ Total _____

Class: Pr 4- _____ Register No. _____ Duration: 50 minutes

Date: 1st March 2013

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. ANSWER ALL THE QUESTIONS.
5. Check all answers carefully.

	Maximum	Marks Obtained
Section A	10	
Section B	12	
Section C	8	
Total	30	

* This paper consists of 6 pages altogether (including cover page).

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



RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 1 2014

Name : _____ () Class: P4 _____

Your Score Out of 100 marks	
Parent's Signature	

8 MAY 2014 MATHEMATICS Duration: 1 h 45 min

SECTION A (25 marks)

Question 1 to 5 carry 1 mark each. Question 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 your answer (1, 2, 3 or 4) on the OAS provided.

1. What is the value of the digit 4 in 14 100?
 - (1) 4000
 - (2) 400
 - (3) 40
 - (4) 4

2. Round off 13 385 to the nearest tens.
 - (1) 13 000
 - (2) 13 380
 - (3) 13 390
 - (4) 13 400

3. The mass of a container is 3 kg. What is its mass in grams?
 - (1) 30 g
 - (2) 300 g
 - (3) 3 000 g
 - (4) 30 000 g

4. Which of the following shows a pair of perpendicular lines?

(1)



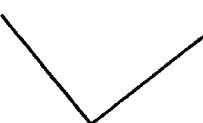
(2)



(3)



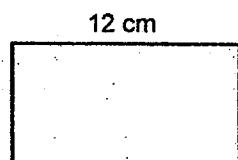
(4)



5. Convert 10 m to cm.

- (1) 10 cm
- (2) 100 cm
- (3) 1 000 cm
- (4) 10 000 cm

6. The perimeter of the rectangle below is 44 cm.
Given that its length is 12 cm, find its breadth.



- (1) 10 cm
- (2) 16 cm
- (3) 20 cm
- (4) 32 cm

7. There are 7 candies in each goodie bag.
How many candies are there in 707 goodie bags?

- (1) 101
- (2) 714
- (3) 4 949
- (4) 5 019

8. Multiply 450 by 2 tens. The answer is _____.

- (1) 90
- (2) 900
- (3) 9 000
- (4) 90 000

9. How many quarters are there in $2\frac{1}{4}$?

- (1) 7
- (2) 2
- (3) 8
- (4) 9

10. Find the sum of $\frac{1}{3}$ and $\frac{1}{9}$.

- (1) $\frac{1}{12}$
- (2) $\frac{1}{6}$
- (3) $\frac{2}{9}$
- (4) $\frac{4}{9}$

11. Maxim has 2 778 stickers while Cindy has 3 313 stickers.
How many stickers do they have altogether?
- (1) 5 081
(2) 5 091
(3) 6 081
(4) 6 091
12. What is the sum of all the factors of 10?
- (1) 11
(2) 17
(3) 18
(4) 4
13. What is the difference between the second multiple and the fifth multiple of 5?
- (1) 5
(2) 15
(3) 3
(4) 35
14. Jenny had twice as much money as Katherine.
Katherine had twice as much money as Lina.
Given that they had \$1960 altogether, how much money did Katherine have?
- (1) \$280
(2) \$392
(3) \$560
(4) \$784
15. There are 84 beads.
 $\frac{2}{7}$ of them are red and the rest are green.
What is the difference between the number of red and green beads?
- (1) 12
(2) 24
(3) 36
(4) 60

SECTION B (40 marks)

Question 16 to 35 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.

16. Dinesh wanted to exchange \$3 to all 20¢ coins.
How many 20¢ coins would he have?

Ans: _____

17. There are 125 rows of seats in a theatre. Each row consists of 18 seats.
What is the total number of seats in the theatre?

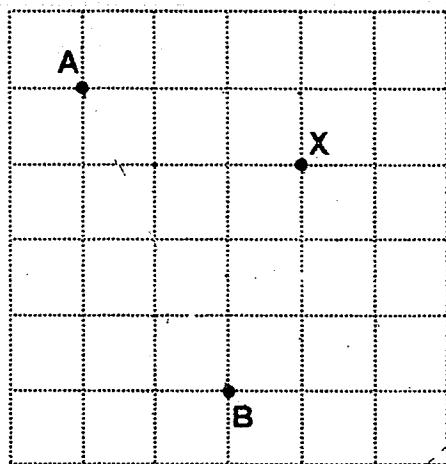
Ans: _____

18. Given that the area of the rectangle is 64 cm^2 and its breadth is 4 cm,
find its length.

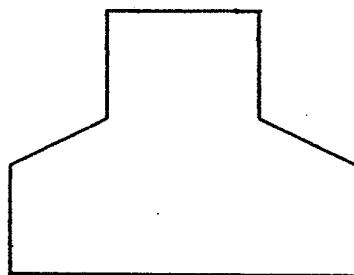


Ans: _____ cm

19. In the grid below, draw a line that is parallel to the line AB and passes through the point marked 'X'.

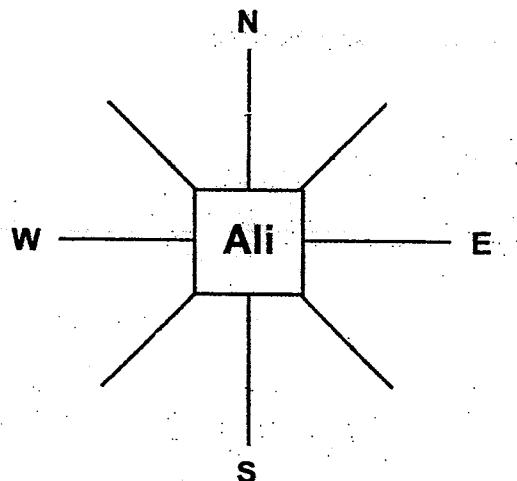


20. How many right angles are there in the figure?



Ans: _____

21. After Ali made a 270° turn in a clockwise direction, he was facing south-west. Which direction was he facing at first?



Ans: _____

22. Arrange the mixed numbers in **ascending** order.

$$2\frac{3}{4}, 2\frac{2}{5}, 1\frac{1}{4}, 1\frac{1}{5}$$

Ans: _____, _____, _____, _____

23. What is $\frac{1}{4}$ of 32?

Ans: _____

24. Round off 24 591 to the nearest hundreds.

Ans: _____

25. In 65 230,

(a) the digit 6 stands for _____.

(b) the digit 5 is in the _____ place.

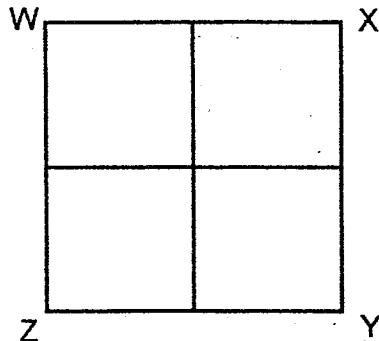
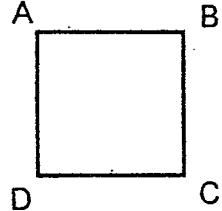
Ans: (a) _____

(b) _____

26. There were 215 dolls in Mini Store and 7 times as many dolls in Mega Store.
Each doll was sold at \$13.
How much did both stores collect altogether after selling all the dolls?

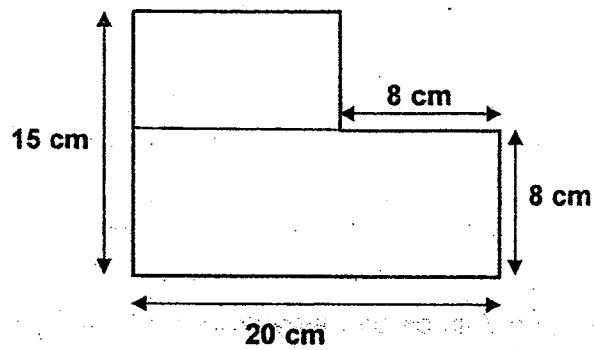
Ans: \$ _____

27. The perimeter of square ABCD is 100 cm.
4 such squares are used to form the figure WXYZ.
Find the perimeter of figure WXYZ.



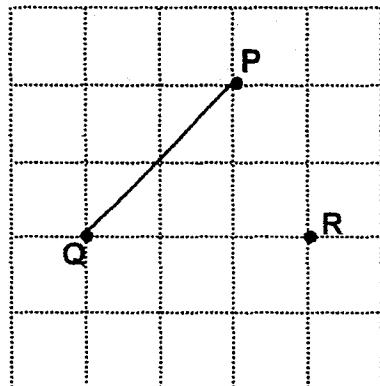
Ans: _____ cm

28. In the figure below, all the lines meet at right angles. Find its area.



Ans: _____ cm^2

29. Draw a line that is perpendicular to line PQ, passing through point R.

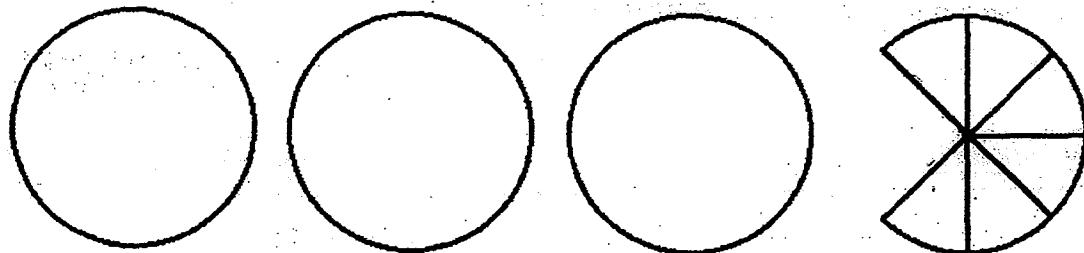


30. Study the pattern below. What comes next?



Ans: _____

31. The picture below shows the amount of cake Mrs Tan had at first. Her family ate $1\frac{1}{4}$ cakes. How much cake had she left? Express your answer in the simplest form.



Ans: _____

32. Hui Ling had $\frac{4}{5}$ kg of prawns. She sold $\frac{3}{10}$ kg of them.

How many kilograms of prawns had she left?
Leave your answer in its simplest form.

Ans: _____ kg

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

2001 , 2002 , 2006 , 2015 , 2031 , _____ , 2092 , 2141

Ans: _____

34. Vasinthi had some bottles.

She gave her sister $\frac{2}{5}$ of the bottles and had 36 bottles left.

How many bottles did she have at first?

Ans: _____

35. 5 children, James, Khloe, Linda, Muthu and Norshina have 5 different fraction cards, $1\frac{2}{5}$, $2\frac{3}{5}$, $1\frac{4}{5}$, $4\frac{2}{5}$ and $2\frac{2}{5}$, not necessary in this order.
Khloe has the smallest card while James has the largest card.
The difference between James' card and Norshina's card is 2.
The sum of Norshina's card and Muthu's card is a whole number.
Which fraction card is Linda holding?

Ans: _____

SECTION C (35 marks)

For question 36 to 44, 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. Answers in fractions must be expressed in the simplest form. 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.

36. Raja and Kumar had the same amount of money at first.
After Raja spent \$286 and Kumar spent \$109,
Kumar had 4 times as much money as Raja.
How much money did each of them have at first?

Ans: _____ [3]

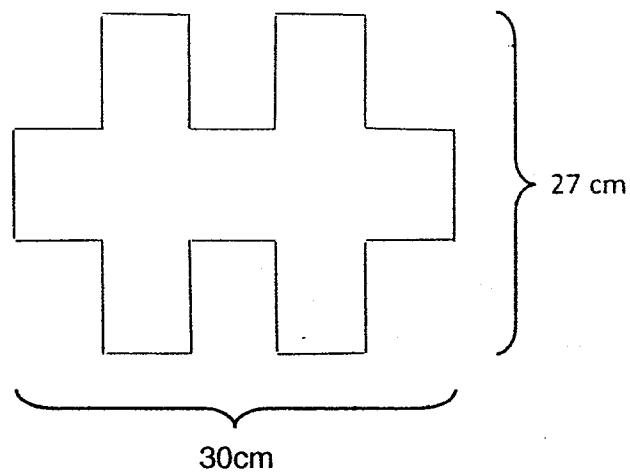
37. Marinda had $2\frac{2}{5}$ m of cloth at first. She gave $\frac{4}{5}$ m of cloth to her best friend and $1\frac{1}{5}$ m to her sister. What was the length of the cloth left?

Ans: _____ [3]

38. Shirley had 3 sisters.
After giving 1268 stickers to each sister, she had 987 stickers left. How many stickers did she have at first?

Ans: _____ [3]

39. In the figure below, all horizontal lines are equal and all vertical lines are equal. All lines meet at right angles. Find the area of the figure.



Ans: _____ [4]

40. Miss Tan bought 792 candies.
She gave away 25 candies and packed the rest of the candies in bags of 6.
- (a) How many bags of 6 candies did she pack?
 - (b) How many candies were left unpacked?

Ans: (a) _____ [3]
(b) _____ [1]

41. Johnny had 100 twenty-cent coins.

On Day 1, he used up $\frac{1}{10}$ of his coins.

On Day 2, he used up $\frac{1}{10}$ of his coins which was left at the end of Day 1.

On Day 3, he used up $\frac{1}{9}$ of his coins which was left at the end of Day 2.

- (a) How many coins did he have left at the end of Day 1?
- (b) How much money was left at the end of Day 3?

Ans: (a) _____ [1]

(b) _____ [4]

42. Mary, Susan and David weigh themselves on a weighing scale.
David and Susan weigh 66 kg. Mary and David weigh 70 kg.
Susan and Mary weigh 64 kg. What is the mass of each pupil?

Ans: Mary _____

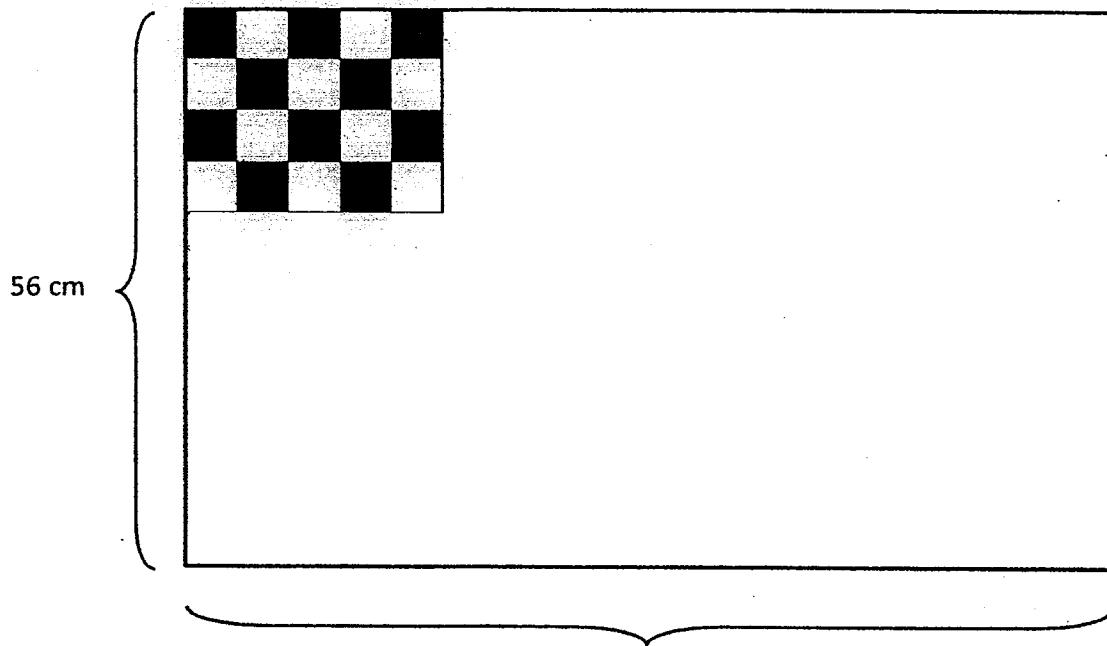
Susan _____

David _____

[4]

43. A rectangular piece of paper, 56 cm by 90 cm, is to be completely covered with black and white stickers, as shown in the figure below. Each sticker measures 2 cm by 2 cm. The cost of each white sticker is 5¢.

- (a) By including the black stickers shown in the figure, what is the total number of black stickers required to cover the paper completely?
(b) How much do all the white stickers cost?



Ans: (a) _____ [3]

(b) _____ [2]

44. Daniel had \$144 more than Ryan at first.
After Daniel gave \$342 to Ryan, Ryan had 3 times as much as Daniel.
How much did they have altogether?

Ans: _____ [4]

-End of Paper-
Please check your work carefully ☺

Setters: Mr Johnson Ong
Ms Wai Sook Har

Exam Paper 2014 Answer Sheet

School: RAFFLES GIRLS' PRIMARY SCHOOL

Subject: PRIMARY 4 MATHEMATICS

Term: SA1

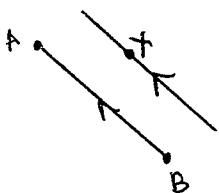
1)	1	6)	1	11)	4
2)	3	7)	3	12)	3
3)	3	8)	3	13)	2
4)	4	9)	4	14)	3
5)	3	10)	4	15)	3

16. 15

17. 2250

18. 16

19.



20. 4

21. North-west

22. $1\frac{1}{5}$, $1\frac{1}{4}$, $2\frac{2}{5}$, $2\frac{3}{4}$

23. 8

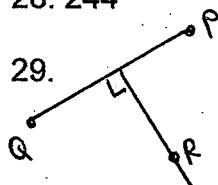
24. 24600

25. (a) 60000
(b) thousands

26. 22360

27. 200

28. 244



30.

31. $2\frac{1}{2}$

$$32. \frac{1}{2}$$

$$33. 2056$$

$$34. 60$$

$$35. \frac{1}{5}$$

$$36. 109 + 286 = 395$$

$$286 - 109 = 177$$

$$177 \div 3 = 59$$

$$59 \times 4 = 236$$

$$236 + 109 = \$345$$

$$37. 2\frac{2}{5} - \frac{4}{5} - 1\frac{1}{5} = \frac{2}{5}\text{m}$$

$$38. 1268 \times 3 = 3804$$

$$3804 + 987 = 4791$$

$$39. 30 \div 5 = 6$$

$$27 \div 3 = 9$$

$$6 \times 9 = 54$$

$$54 \times 9 = 486\text{cm}^2$$

$$40. 792 - 25 = 767$$

$$767 \div 6 = 127\text{r}5$$

(a) 127

(b) 5

$$41. (a) 100 - 10 = 90$$

$$(b) 90 - 9 = 81$$

$$\frac{1}{9} \times 81 = 9$$

$$81 - 9 = 72$$

$$72 \times 20 = 1440 \text{ cents} = \$14.40$$

$$42. 2D + 2S + 2M \rightarrow 66 + 70 + 64 = 200$$

$$1D + 1M + 1S \rightarrow 100$$

$$100 - 66 = 34\text{kg (Mary)}$$

$$100 - 70 = 30\text{kg (Susan)}$$

$$100 - 64 = 36\text{kg (David)}$$

$$43. (a) 56 \div 2 = 28$$

$$90 \div 2 = 45$$

$$28 \times 45 = 1260$$

$$1260 \div 2 = 630$$

$$(b) 630 \times 5 \text{ cents} = 3150 \text{ cents} = \$31.50$$

$$44. 348 - 144 = 198$$

$$198 + 348 = 540 \text{ (2u)}$$

$$540 \times 2 = \$1080$$



RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 2 2012

Name : _____ () Class: P4 _____

23 Oct 2012 MATHEMATICS Att: 1 h 45 min

Your Score Out of 100 marks		
Highest score		
Average score		
Parent's Signature		

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

1. What does the digit 4 in 10 453 stand for?

- (1) 4 000
- (2) 400
- (3) 40
- (4) 4

()

2. Round off 29 598 to the nearest hundreds.

- (1) 29 000
- (2) 29 500
- (3) 29 590
- (4) 29 600

()

3. Raja has a square carpet which has an area of 36 m^2 .

What is the length of the carpet?

- (1) 6 m
- (2) 9 m
- (3) 3 m
- (4) 12 m

()

4. Sumei started doing her homework at 15:25. She completed her homework 1 h 55 min later. What time did she complete her homework?

- (1) 13:30
(2) 16:20
(3) 17:00
(4) 17:20

()

5. The table below shows the mass of 4 fruits.

Fruits	Mass (g)
A	19
B	79
C	87
D	53

What is the total mass of the lightest fruit and the heaviest fruit?

- (1) 106 g
(2) 132 g
(3) 140 g
(4) 166 g

()

6. Mrs Gopal had \$20.90 at first. She bought 4 packets of potato chips at \$3.95 each. How much money did she have left?

- (1) \$4.60
(2) \$5.10
(3) \$16.00
(4) \$16.20

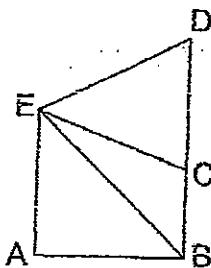
()

7. How many quarters are there in 3 wholes?

- (1) $\frac{3}{4}$
(2) $1\frac{1}{3}$
(3) 4
(4) 12

()

8. One of the lines in the figure is parallel to AE.
Which line is parallel to line AE?



- (1) Line AB
(2) Line BD
(3) Line BE
(4) Line DE

()

9. Which of the following is NOT an equivalent fraction of $\frac{6}{9}$?

- (1) $\frac{2}{3}$
(2) $\frac{4}{6}$
(3) $\frac{6}{8}$
(4) $\frac{8}{12}$

()

10. What is the number when 251.63 is rounded off to 1 decimal place.

- (1) 251.0
(2) 251.6
(3) 251.7
(4) 252.0

()

11. Which number below is 100 more than 8 497?

- (1) 8 397
(2) 8 498
(3) 8 507
(4) 8 597

()

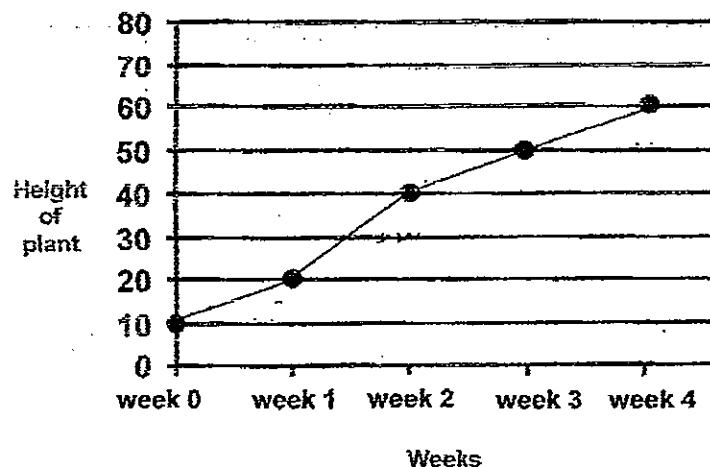
12. In which of the following numbers does the digit 3 stand for 3 hundredths?
- (1) 311.25
(2) 213.56
(3) 210.35
(4) 578.43

()

13. The figure below shows a rectangle.
The length of the rectangle is thrice its breadth.
Find its perimeter.
- 
- (1) 45 cm
(2) 60 cm
(3) 105 cm
(4) 120 cm

()

14. The graph below shows the height of a plant over a month.



During which period of time was the growth of the plant the fastest?

- (1) week 0 to week 1
- (2) week 1 to week 2
- (3) week 2 to week 3
- (4) week 3 to week 4

()

15. 9 bottled drinks weigh 2 kg 970 g.
What is the mass of a dozen bottled drinks?

- (1) 1 980 g
- (2) 3 300 g
- (3) 3 960 g
- (4) 4 104 g

()

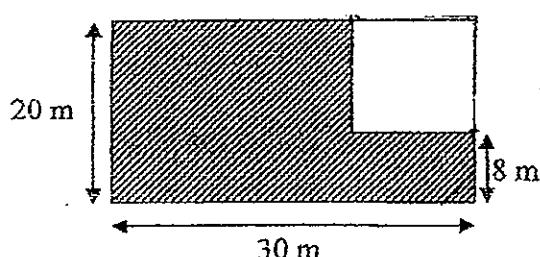
SECTION B (40 marks)

Questions 16 to 35 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. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

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

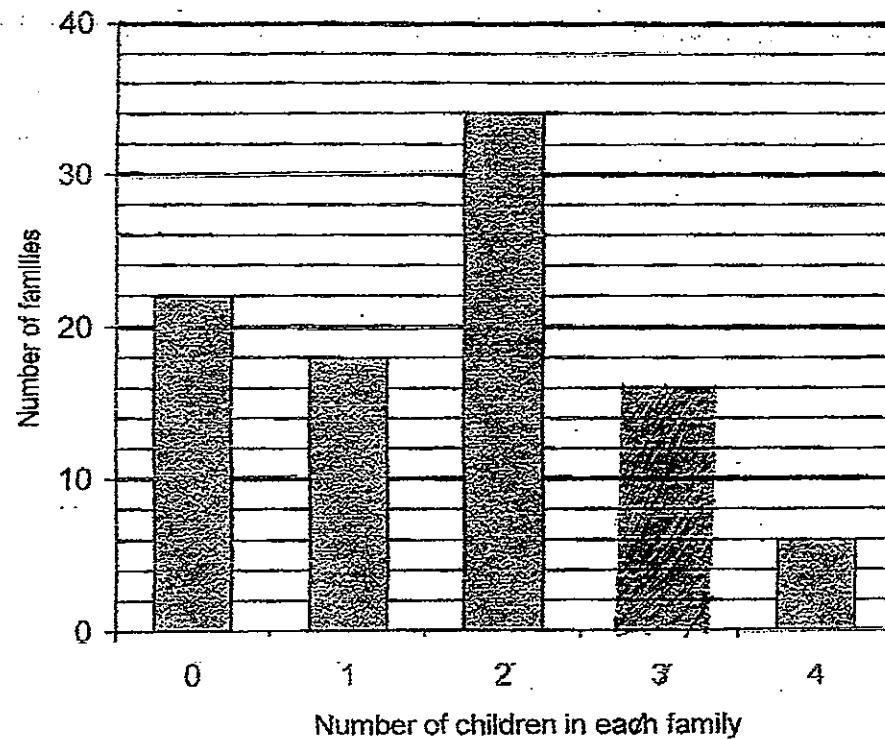
2019, 2109, 2091

17. The figure below is made up of a rectangle and a square. Find the area of the shaded part below.



Ans: m^2

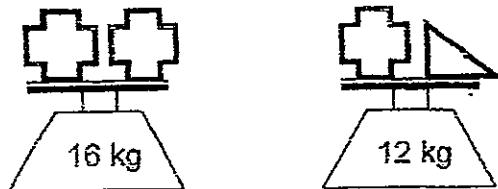
18. The following graph shows the number of children in each family in a particular block of flats.



In total, 56 families have more than one child.

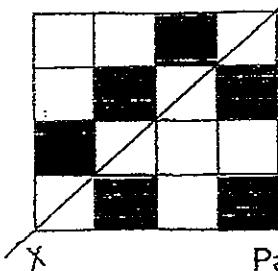
Complete the bar graph above to show the number of families which have 3 children.

19. 3 identical crosses and a triangle are placed on weighing scales as shown below.
What is the mass of the triangle ?



Ans: _____ kg

20. Draw a line of symmetry in the figure shown below:

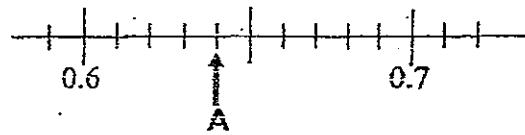


21. Identify and shade the unit shape in the tessellated figure shown below.

$$\frac{1}{3} = \frac{\square}{12}$$

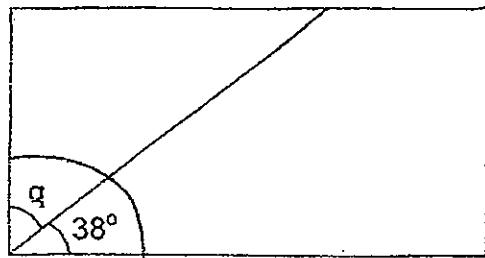
Ans: _____

22. What is the missing number in the box?



Ans: _____

24. The figure below shows a rectangle. Find the value of $\angle q$.



Ans: _____ °

$$25. \quad \frac{7}{12} + \frac{1}{4} =$$

Ans: _____

26. Write the missing number in the number pattern below.

12 879, 12 989, _____, 13 209, 13 319

Ans: _____

27. Two factors of 21 are 1 and 21. What are the other two factors of 21?

Ans: _____ and _____

28. The table below shows the number of mother tongue language books in 4 classes.

Classes	Types of Books		
	Chinese	Malay	Tamil
4A	28	8	3
4B	31	9	5
4C	34	?	4
4D	25	10	5
Total	118	34	17

(a) In 4B, what fraction of the books are Tamil books?
Express your answer in the simplest form.

Ans : _____

(b) How many Malay books are there in 4C?

Ans : _____

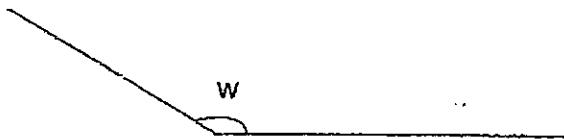
29. Mr Lim had 2 barrels each containing 13.75l of oil. He transferred all the oil from the barrels into 5 identical tanks. What is the amount of oil in each tank?

Ans: _____ l

30. Meng Meng takes 24 min to walk home from her grandparents' house. Cycling reduces her travelling time by half. She leaves her grandparents' house at 13 55. What time will she reach home if she cycles?
Express your answer in 24-hour clock.

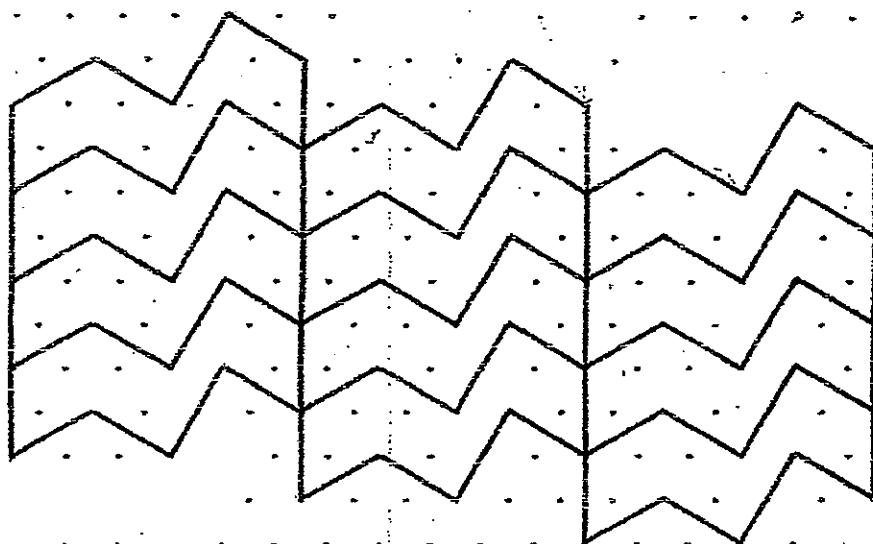
Ans: _____

31. Measure and write down the size of $\angle w$.



Ans: _____ °

32. The pattern below shows part of a tessellation. Extend the tessellation by drawing two more unit shapes in the space provided.



33. Find the value of 5.72×8 .

Ans: _____

34. $6574 - 3217 =$ _____

Ans: _____

35. The table below shows the number of plates of fried rice and chicken rice sold in a coffee shop last week.

Day	Number of plates		Total amount collected
	fried rice	chicken rice	
Monday	120	250	\$1 110
Tuesday	210	240	\$1 350
Wednesday	165	200	\$1 095
Thursday	150	270	\$1 260
Friday		?	\$1 395

A plate of fried rice and a plate of chicken rice costs \$3 each. On Friday, the number of plates of fried rice sold was twice the number of plates of chicken rice sold. How many plates of chicken rice were sold on Friday?

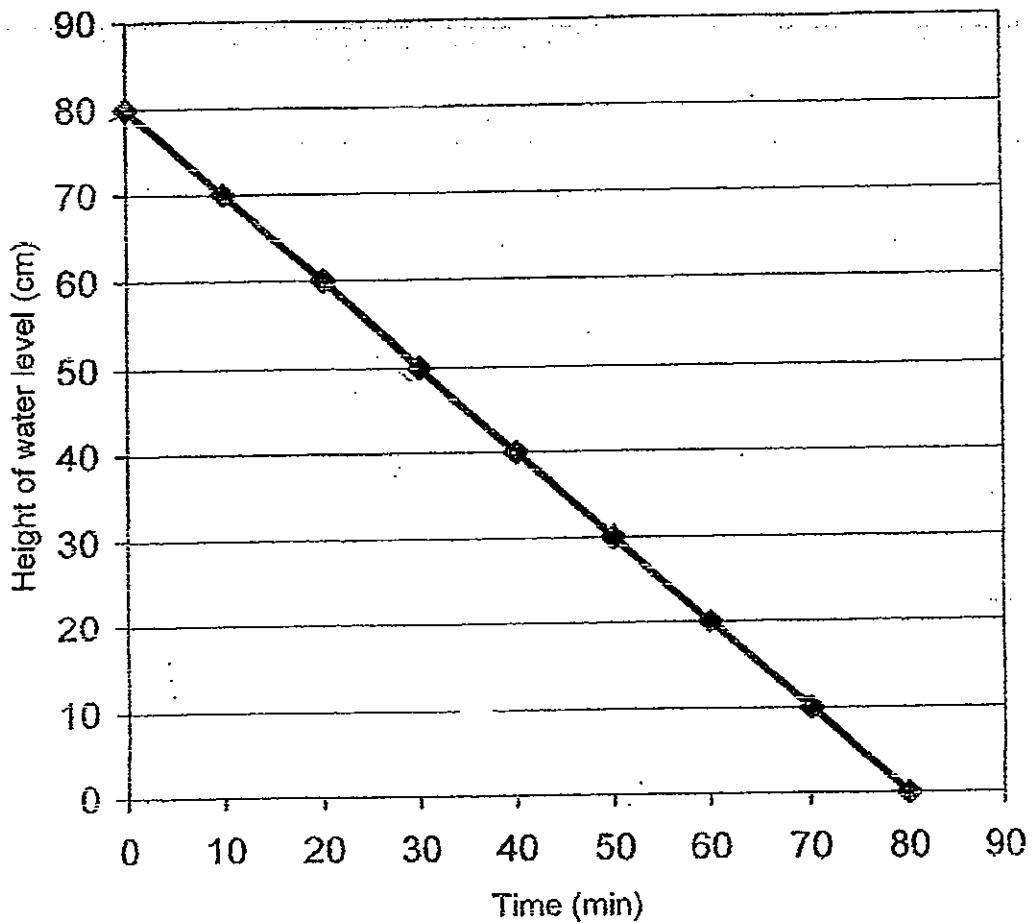
SECTION C (35 marks)

For questions 36 to 44, 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. Answers in fractions must be expressed in the simplest form. 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.

36. Company A and Company B have 2 068 workers altogether. Company A has 542 more workers than Company B. How many workers does Company B have?

Ans: _____ [3]

37. A 100-cm tall rectangular container was partly filled with water. A tap was then turned on to drain out the water from the container completely. The line graph below shows the height of the water level in the container over some time.



- (a) What fraction of the container was filled with water at first?
Express your answer as a fraction in its simplest form.

Ans: (a) _____ [1]

- (b) How long did it take for the water level to fall to the 50-cm mark?

Ans: (b) _____ [1]

- (c) How long did it take for all the water to be drained out from the container?

Ans: (c) _____ [1]

38. Kim bought 3 pairs of ~~sports~~ shoes at \$79.90 each. She gave the cashier \$300.
How much change did she receive?

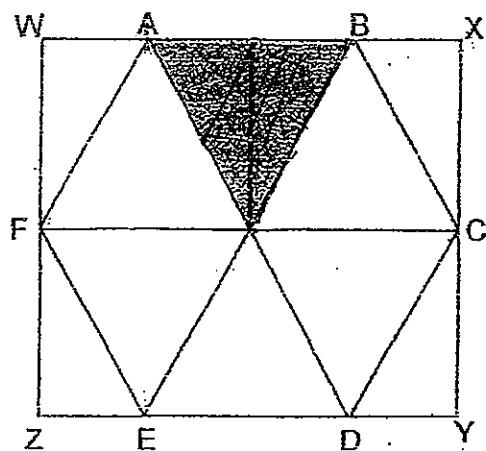
Ans: _____ [3]

39. WXYZ is a square.

ABCDEF is made up of 6 identical triangles. The area of one triangle is 18 cm^2

(a) What fraction of the figure is shaded?

(b) Find the length of XY.



Ans: (a) _____ [1]

(b) _____ [3]

40. In June, Muthu's salary was \$2080. He spent $\frac{1}{10}$ of it on transport and $\frac{7}{10}$ of it on food and saved the rest.

In July, his salary was reduced. He saved $\frac{1}{5}$ of it and reduced his spending on food by \$220. He spent the same amount of money on transport.

How much did he save in July?

Ans: _____ [4]

41. The length of a pen is 20 cm.

The length of the pen is $\frac{4}{5}$ the length of a ruler.

Jenny has an equal number of pens and rulers.

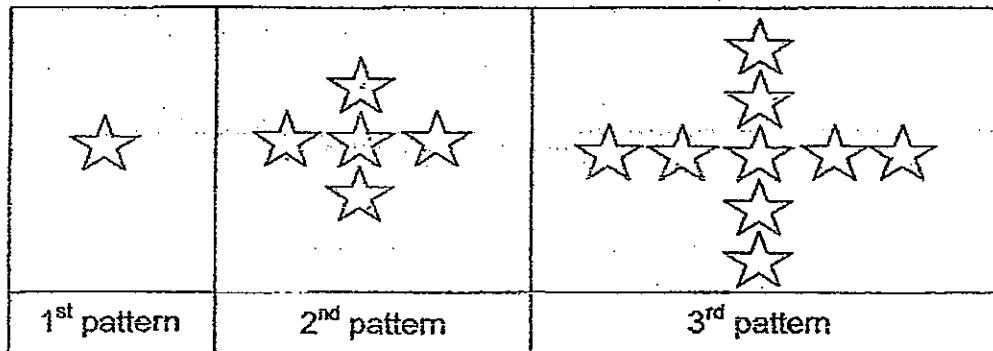
Find the number of pens Jenny has if the length of all the rulers is 80 cm more than the length of the pens.

Ans: _____ [4]

42. The total mass of Amanda and Beatrice is 61.5kg. The total mass of Amanda and Cindy is 67kg. If the total mass of Beatrice and Cindy is 63.5kg, find the mass of Amanda.

Ans: _____ [4]

43. Study the pattern below. All the stars are identical.



- a) How many stars are needed for the 10th pattern?
- b) At which pattern will there be 41 stars?

Ans: (a) _____ [2]

(b) _____ [3]

44. Mrs Lee bought 17 cartons of green tea and grape juice altogether.

There were 24 bottles of drinks in each carton.

After she sold $\frac{7}{9}$ of the number of bottles of grape juice and 68 bottles of

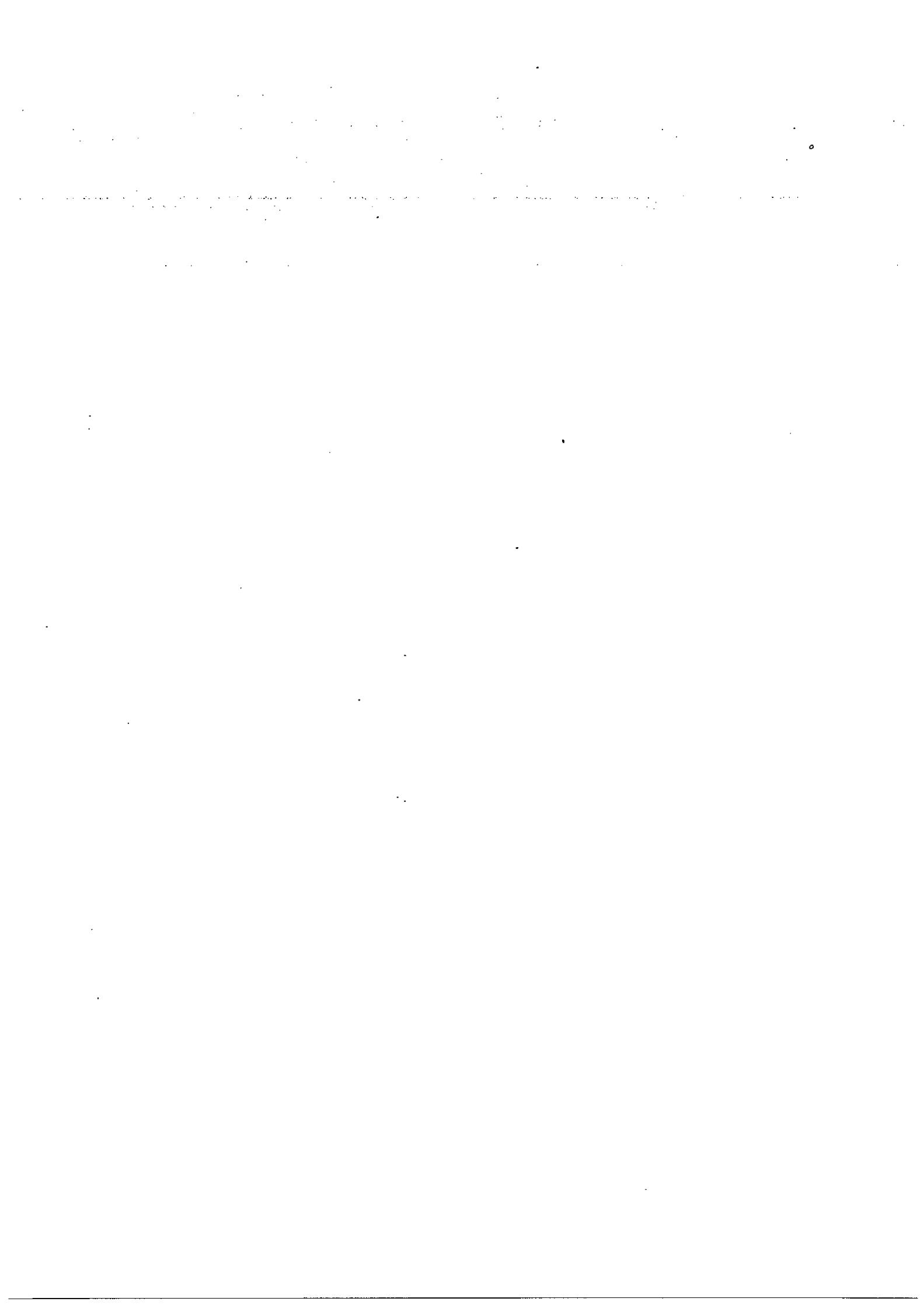
green tea, the number of bottles of green tea became 4 times the number of
bottles of grape juice.

How many more bottles of green tea than grape juice were there at first?

Ans: _____ [5]

-End of Paper-
Please check your work carefully ☺

Setters: Ong Wee Peng & Yeo Melissa



Answer Ke

EXAM PAPER 2012

SCHOOL : RAFFLES GIRLS'
SUBJECT : PRIMARY 4 MATHEMATICS

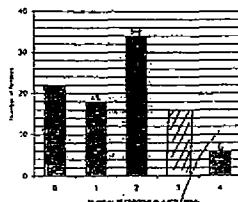
TERM : SA2

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

16) 2019, 2091, 2109

17) 144m^2

18)



19) 4kg

20) 2 squares

21)



22) 4

23) 0.64

24) 52°

25) $5/6$

26) 13099

27) 3 and 7

28)a) $1/9$

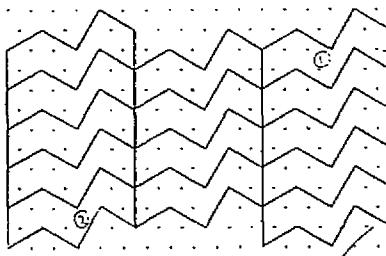
b) 7 Malay book

29) 5.5L

30) 1407

31) 149°

32)



33) 45.76

34) 3357

35) 155 plates of chicken rice



$$2068 - 542 = 1526$$

$$1526 \div 2 = 763$$

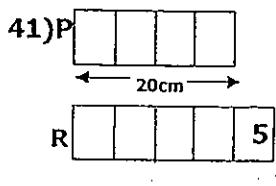
Company B has 763 workers.

- 37)a)4/5
b)30 minutes
c)80 minutes

38) $\$79.90 \times 3 = \239.70
 $300 - \$239.70 = \60.30
She receive \$60.30 change.

39)a)1/8
b) $18 \times 2 = 36$
 $12 \times 12 = 144$
Or $18 \times 8 = 144$
Ans : 12cm

40) $1/10 \times 2080 = 208$
 $7/10 \times 2080 = 1456$
 $1456 - 220 = 1236$
 $1236 + 208 = 1444$
 $1444 \div 4 = 361$
He save \$361 in July.



$$20 \div 4 = 5$$
$$80 \div 5 = 16$$

Jenny has 16 pens.

42)A+B = 61.5kg
A+C = 67kg
B+C = 63.5kg
 $A+A+B+C = 61.5 + 67 = 128.5$
 $A+A+C+B - C+B = A+A$
 $= 128.5 - 63.5 = 65$
 $A = 65 \div 2 = 32.5$
The mass of Amanda is 32.5kg

- 43)a)37 stars are needed for the 10th pattern.
b)11th pattern will be 41 stars.

44) $340 \div 17 = 20$
 $68 - 20 = 48$
There were 2 more bottles of green tea grape juice at first.



RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 1 2015

Name: _____ ()

Banded Math Class: P4 _____

Your Score Out of 100 marks	
Parent's Signature	

11th MAY 2015 MATHEMATICS Duration: 1 h 45 min

SECTION A (25 marks)

Question 1 to 5 carry 1 mark each. Question 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 your answer (1, 2, 3 or 4) on the OAS provided.

1. What is the missing number in the box?

$$89\ 524 = 80\ 000 + \boxed{\quad} + 500 + 20 + 4$$

- (1) 9
- (2) 90
- (3) 900
- (4) 9000

2. Round off 45 987 to the nearest hundred.

- (1) 45 900
- (2) 45 980
- (3) 46 000
- (4) 46 900

3. Multiply 4354 by 6

- (1) 24 124
- (2) 25 824
- (3) 26 124
- (4) 27 124

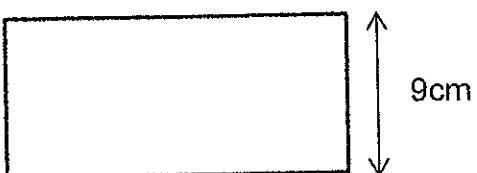
4. There are 40 fruits in one box.
If there are 357 boxes, how many fruits are there altogether?

- (1) 1 408
- (2) 1 428
- (3) 14 080
- (4) 14 280

5. Convert 8 m 3 cm to centimetres.

- (1) 803 cm
- (2) 830 cm
- (3) 8003 cm
- (4) 8030 cm

6. The area of the rectangle shown below is 216 cm^2 . Find its length.

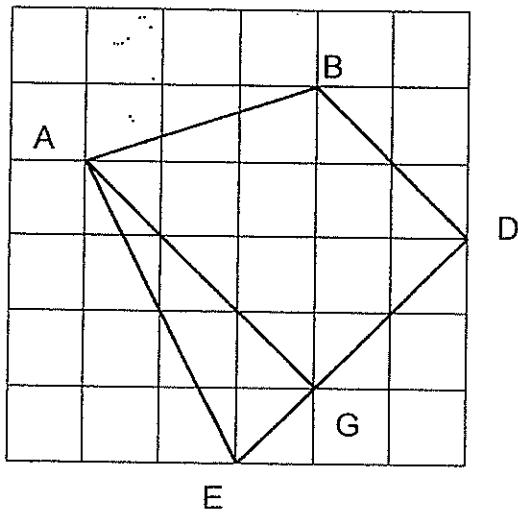


- (1) 24 cm
- (2) 48 cm
- (3) 108 cm
- (4) 1944 cm

7. The mass of a carton of fruits is 30 015g. What is its mass in kilogrammes and grams?

- (1) 3 kg 15 g
- (2) 30 kg 15g
- (3) 30 kg 150 g
- (4) 300 kg 15 g

8. Identify the parallel lines in the figure shown below



- (1) AB // ED
- (2) AG // BD
- (3) AG // ED
- (4) AE // BD

9. Express $7\frac{4}{5}$ as an improper fraction.

(1) $\frac{28}{5}$

(2) $\frac{33}{5}$

(3) $\frac{39}{5}$

(4) $\frac{74}{5}$

10. What is $\frac{5}{9} - \frac{1}{3}$?

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

(2) $\frac{4}{6}$

(3) $\frac{2}{9}$

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

11. The sum of two numbers is 846. If one number is 50 greater than the other, what is the larger number?

(1) 388

(2) 398

(3) 438

(4) 448

12. How many common factors are there for 18 and 36?

(1) 6

(2) 5

(3) 3

(4) 4

13. What is the first common multiple of 6 and 8?

(1) 16

(2) 24

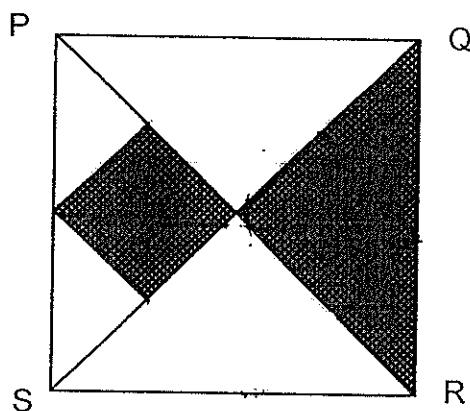
(3) 32

(4) 48

14. May collected 7294 seashells. She collected 7 times as many seashells as John. How many seashells did John collect?

- (1) 142
- (2) 1042
- (3) 10 042
- (4) 51 058

15. Figure PQRS below is a square. It is made up of 1 small square, 2 small triangles and 3 large triangles. PR and QS are straight lines.



What fraction of the square PQRS is shaded?

- (1) $\frac{1}{2}$
- (2) $\frac{1}{4}$
- (3) $\frac{3}{8}$
- (4) $\frac{5}{8}$

SECTION B (40 marks)

Question 16 to 35 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. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

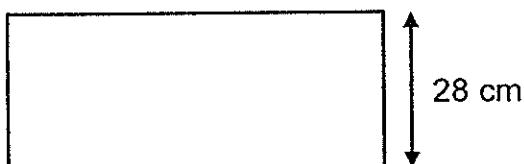
16. Write eighty-six thousand and eight as a numeral.

Ans: _____

17. Eliza wants to give each of her classmates 12 sweets.
There are 38 classmates in her class.
How many sweets does she need to buy?

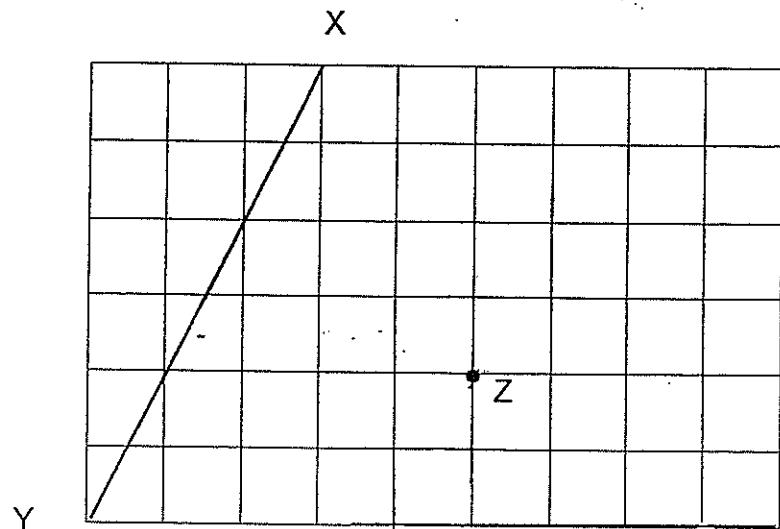
Ans: _____

18. The perimeter of a rectangle is 326 cm and its breadth is 28 cm.
Find the length of the rectangle.

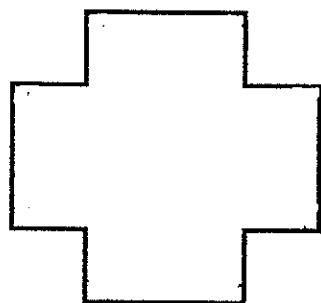


Ans: _____ cm

19. Draw a line parallel to line XY passing through point Z.

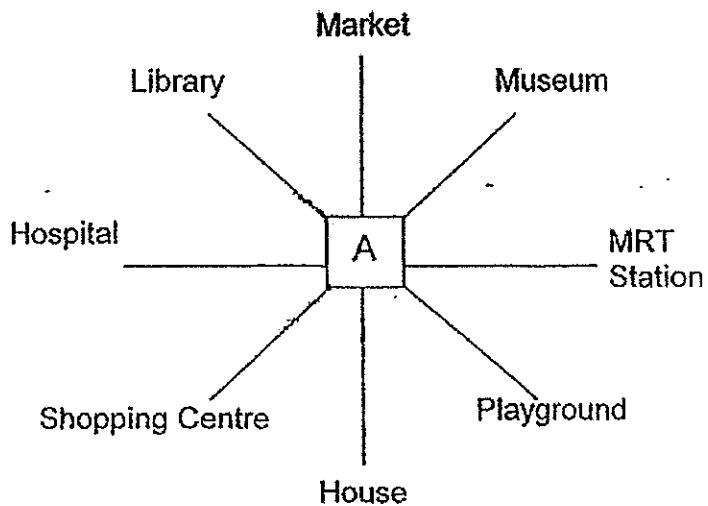


20. How many right angles are there within the figure?



Ans: _____

21. Susan is standing at point A facing her house.
Where will she be facing if she turns 135° clockwise?



Ans: _____

22. Arrange the following fractions from the greatest to the smallest.

$$2\frac{1}{3}, \quad 1\frac{1}{4}, \quad 1\frac{2}{5}, \quad 2\frac{1}{8}$$

Ans: _____

23. Siti had 720 cupcakes. She sold $\frac{5}{8}$ of them.

How many cupcakes had she left?

Ans: _____

24. Devi used all the digits below to form a 5 digit number. What is the greatest even number she can form with all the digits? Use each digit only once.

3	5	4	7	8
---	---	---	---	---

Ans: _____

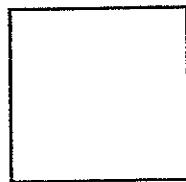
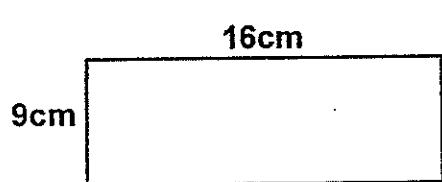
25. Ali has \$5.60. He wants to exchange his money for an equal number of 20-cent coins and 50-cent coins. How many 50-cent coins does he have after the exchange?

Ans: _____

26. Peter sold 115 boxes of markers. There were 12 markers in each box. Each marker was sold at \$2. How much money did Peter receive?

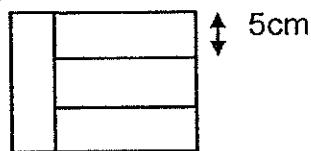
Ans: \$ _____

27. The rectangle and the square below have the same area. Find the length of the square.



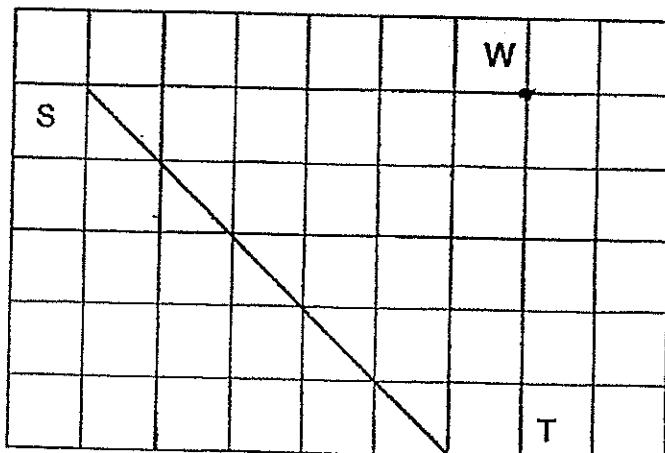
Ans: _____ cm

28. The figure below is made up of 4 identical rectangular strips. Find the perimeter of the figure.



Ans: _____ cm

29. Draw a perpendicular line to line ST passing through point W.



30. Complete the pattern shown below.



Ans: _____

$$31. \frac{30}{8} = 3 \frac{\square}{4}$$

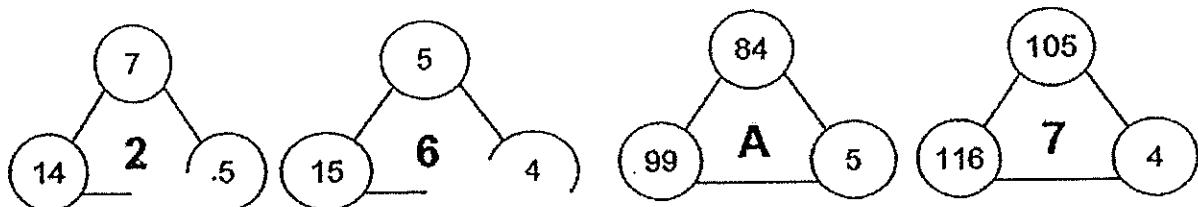
What is the missing number in the box?

Ans: _____

32. Xiao Hui had $\frac{7}{8}$ kg of fruits. She gave $\frac{3}{4}$ kg of the fruits to her mother. How many kilograms of fruits did she have left? Leave your answer as a fraction in its simplest form.

Ans: _____ kg

33. Study the figures given below.



What is the number represented by A?

Ans: _____

34. Mr Baker had some flour. He used $\frac{5}{8}$ kg of flour to bake pies and $\frac{1}{2}$ kg of flour to bake a cake. How much flour did he use? Give your answer in the simplest form.

Ans: _____ kg

35. The total age of Ali and Ben is 78 years this year. In how many years' time will their total age be 90 years?

Ans: _____

SECTION C (35 marks)

For question 36 to 44, 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. Answers in fractions must be expressed in the simplest form. 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.

36. Jane has 432 stickers and Tim has 2 times as many stickers as Jane.
Shu Qi has $\frac{3}{4}$ of Tim's stickers.
How many stickers does Shu Qi have?

Ans: _____ [3]

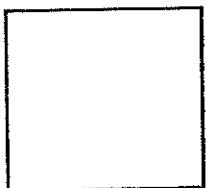
37. Mrs Tan had 126 m of cloth. She used $\frac{5}{7}$ of the cloth to make blouses.
- What was the length of cloth she used?
 - If she used 6 m of cloth to make one blouse, how many blouses did she make?

Ans: a) _____ [2]
Ans: b) _____ [2]

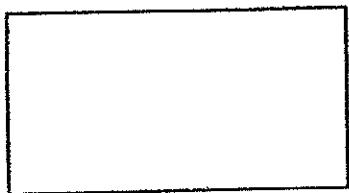
38. Jacob and Sarah had \$1500. After Jacob gave Sarah \$128, he still had \$86 more than Sarah. How much money did Sarah have at first?

Ans: _____ [3]

39. The diagram below shows square X and rectangle Y.
The length of rectangle Y is 9 cm longer than its breadth.
The breadth of rectangle Y is the same as the length of square X.
The perimeter of square X is 56 cm. Find the area of rectangle Y.



Square X



Rectangle Y

Ans: _____ [4]

40. There are some cookies in the jar.

On Monday, Alex ate $\frac{1}{4}$ of the cookies. He later bought 24 cookies and added into the jar. On Tuesday, Alex ate 36 cookies. He was hungry and ate another 30 cookies. There were no cookies left.
How many cookies were there in the jar at first?

Ans: _____ [4]

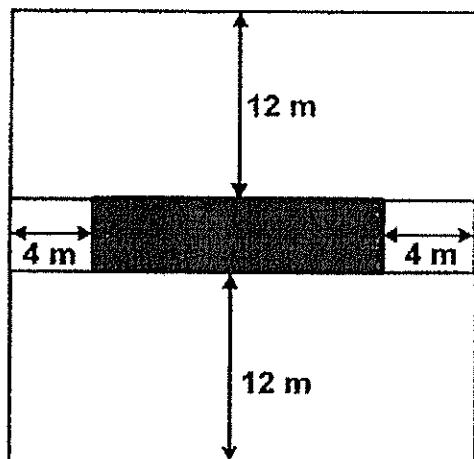
41. Marie had the same number of red, green and blue beads at first. After giving some red and green beads and 108 blue beads away, Marie had 250 beads left. There were 2 times as many red beads as green beads left. The number of blue beads left was 50 fewer than the number of red beads left. How many blue beads did she have at first?

Ans: _____ [4]

42. Mr Lim has some pencils. If he ties them in bundles of 6, he will have 5 extra pencils. If he ties them in bundles of 5, he will be short of 3 pencils. What is the smallest possible number of pencils Mr Lim has?

Ans: _____ [3]

43. The figure below shows a square plot of land that Mr Tan has.
The perimeter of the square plot of land is 120 m.
He wants to fence up the rectangular shaded area to grow vegetables.
The price of fencing 1 m of land is \$28.
How much does Mr ~~Tan~~
_{Tan} need to pay for fencing the land?



Ans: _____ [5]

44. Johnson had some apples and oranges. The number of apples and oranges left were the same after Johnson sold $\frac{2}{3}$ of the apples and $\frac{4}{7}$ of the oranges. If he had 324 apples at first,
- How many apples were left?
 - How many oranges did Johnson have at first?

Ans:a) _____ [2]

Ans:b) _____ [3]

-End of Paper-
Please check your work carefully ☺

Setters: Mr. Johnson Ong
Mrs. K. Bell

Ans

**SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : SA1**

CONTACT : CALL MR GAN @ 9299 8971, 8606 5443, 9247 5053

SECTION A

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

Q 11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
4	1	2	2	3					

SECTION B

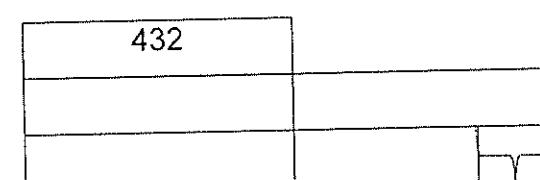
Q 16	Q17	Q18	Q19	Q20
86008	456	8	-	8

Q 21	Q22	Q23	Q24	Q25
Library	$2\frac{1}{3}, 2\frac{1}{8}, 1\frac{2}{5}, 1\frac{1}{4}$	270	87534	8

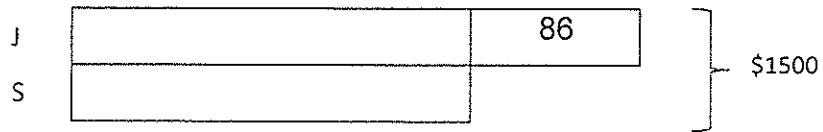
Q 26	Q27	Q28	Q29	Q30
2760	12	70	▽	3

Q31)	3
Q32)	$\frac{7}{8} - \frac{3}{4} = \frac{1}{8}$
Q33)	$14 - 5 - 7 = 2$ $15 - 4 - 5 = 6$ $99 - 5 - 84 = \underline{10}$
Q34)	$\frac{5}{8} + \frac{1}{5} = 1\frac{1}{8}$
Q35)	$90 - 70 = 12$ $12 \div 2 = \underline{6}$

SECTION C

Q36)	 <p style="text-align: right;">148</p> <p>$T \rightarrow 436 \times 2 = 864$ $SQ \rightarrow 864 - 148 = \underline{716}$</p>
Q37)	<p>a) $\frac{5}{7} \times \frac{126}{1} = 90$</p> <p>b) $90 \div 6 = 15$</p>

Q38)



$$1500 - 86 = 1414$$

$$1414 \div 2 = 707$$

$$707 - 128 = 579$$

Ans : \$579

Q39)

$$\text{L of } X \rightarrow 56 \div 4 = 14$$

$$\text{L of } Y \rightarrow 14 + 9 = 23$$

$$\text{Area of } Y \rightarrow 23 \text{ cm} \times 14 \text{ cm} = \underline{322 \text{ cm}^2}$$

Q40)

$$36 + 30 = 66$$

$$66 - 24 = 42$$

$$42 \div 3 = 14$$

$$14 + 42 = \underline{56}$$

Q41)

R			58
G			
B		50	58
			108

$$\text{Left} \rightarrow 250 + 50 = 300$$

$$5u \rightarrow 300$$

$$1u \rightarrow 300 \div 5 = 60$$

$$108 - 50 = 58$$

$$R \rightarrow 60 \times 2 + 58 = \underline{178}$$

Q42)

6 :	6	12	18	24	30	36	42
+5 :	11	(17)	23	29	35	41	47

5 :	5	10	15	20	25	30	35
-3	2	7	12	(17)	22	27	32

Ans : 17

Q43)

$$\text{L of rect} \rightarrow 120 \div 4 = 30$$

$$12 \times 2 = 24$$

$$\text{B of shaded rect} \rightarrow 30 - 24 = 6$$

$$4 \times 2 = 8$$

$$\text{L of shaded rect} \rightarrow 30 - 8 = 22$$

$$\text{Perimeter of shaded rect} \rightarrow 22 + 22 + 6 + 6 = 56$$

$$\text{Total cost} \rightarrow 56 \times \$28 = \$1568$$

Q44)

$$\text{Apples left} \rightarrow 1/3 \times 324 = 108$$

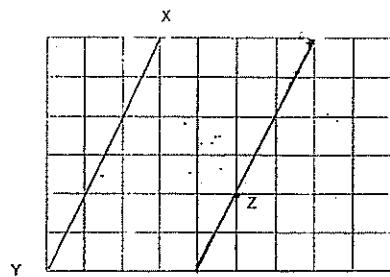
$$\text{Oranges left} \rightarrow 1 - 4/7 = 3/7$$

$$3u \rightarrow 108$$

$$1u \rightarrow 108 \div 3 = 36$$

$$7u \rightarrow 36 \times 7 = \underline{\underline{252}}$$

Q19





RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 2 2014

Name : _____ () Class: P4 _____

Your Score Out of 100 marks	
Parent's Signature	

27th October 2014 MATHEMATICS Duration: 1 h 45 min

SECTION A (25 marks)

Question 1 to 5 carry 1 mark each. Question 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 your answer (1, 2, 3 or 4) on the OAS provided.

1. What is the value of the digit '5' in 9 254?
 - (1) 5
 - (2) 50
 - (3) 500
 - (4) 5 000

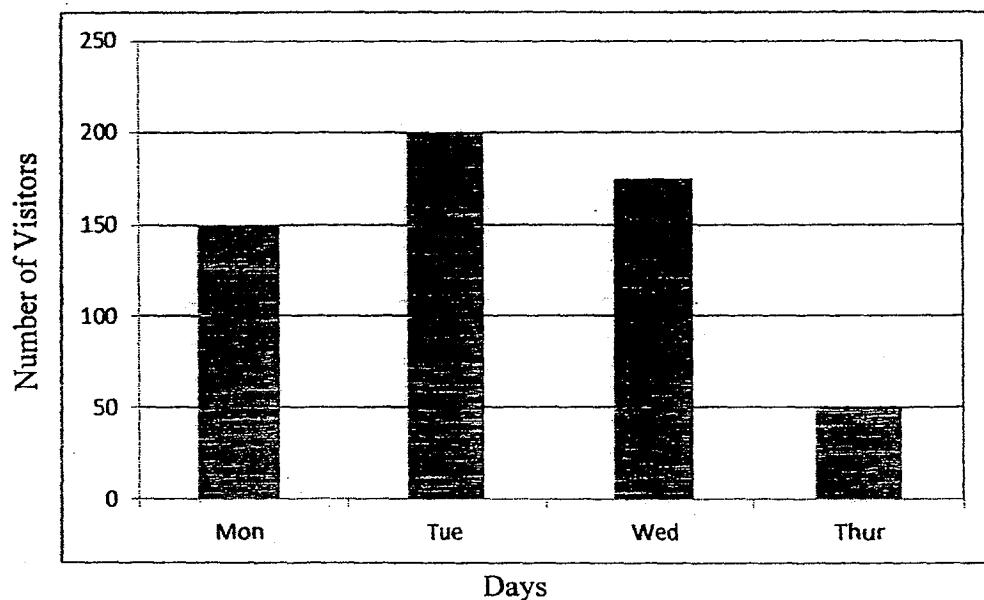
2. $28\ 570 = 20\ 000 + \underline{\hspace{2cm}} + 300 + 70$
 - (1) 200
 - (2) 500
 - (3) 8 000
 - (4) 8 200

3. Given that the perimeter of a square is 36 cm, find its length.
 - (1) 6 cm
 - (2) 9 cm
 - (3) 12 cm
 - (4) 18 cm

4. Express 5 m 8 cm in centimetres.

- (1) 58 cm
- (2) 508 cm
- (3) 5 008 cm
- (4) 50 005 cm

5. Study the graph below.



Which day has the most number of visitors?

- (1) Mon
- (2) Tue
- (3) Wed
- (4) Thur

6. Write $5\frac{2}{25}$ as a decimal.

- (1) 5.8
- (2) 5.2
- (3) 5.08
- (4) 5.02

7. Which of the following is not an equivalent fraction of $\frac{2}{3}$?

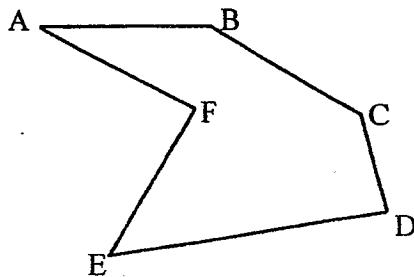
(1) $\frac{4}{6}$

(2) $\frac{6}{9}$

(3) $\frac{9}{12}$

(4) $\frac{12}{18}$

8. In the figure below, which 2 lines are perpendicular?



(1) AB and BC

(2) AB and ED

(3) AF and FE

(4) AF and BC

9. Which of the following mixed numbers is represented by the letter A in the number line shown below?



(1) $1\frac{1}{5}$

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

(3) $2\frac{1}{5}$

(4) $2\frac{4}{5}$

10. Round off 32.45 to the nearest whole number.

- (1) 30
- (2) 32
- (3) 33
- (4) 35

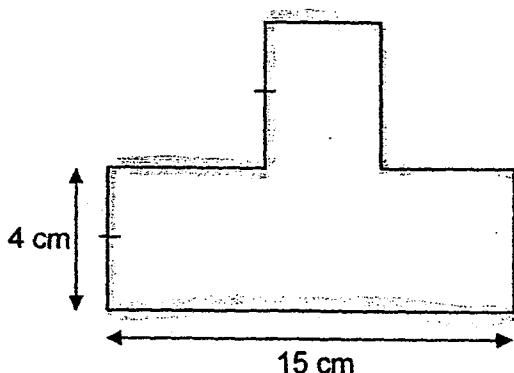
11. Which number below is 100 more than 2495?

- (1) 2395
- (2) 2496
- (3) 2505
- (4) 2595

12. Evette bought 2 files at \$3.95 each and gave the cashier a \$10 note.
How much change would she get back?

- (1) \$2.10
- (2) \$2.95
- (3) \$6.05
- (4) \$7.90

13. In the figure below, all the lines meet at right angles.
Find the perimeter of the figure.



- (1) 43 cm
- (2) 46 cm
- (3) 60 cm
- (4) 120 cm

14. The table below shows the entrance fee to Adventure Cove.

	Weekday	Weekend	Package
Child	\$17.50	\$20	Family of 2 adults and 2 children \$100
Adult	\$28	\$35	

Mr. and Mrs. Ong took their 2 children to Adventure Cove on Saturday. How much would the family save if they were to purchase the package deal?

- (1) \$9
 - (2) \$10
 - (3) \$100
 - (4) \$110
15. Qi Xuan took 1h 55 min to travel from her house to the museum. She reached the museum at 10.50 a.m.. What time did she leave her house?

- (1) 8.55 a.m.
- (2) 9.55 a.m.
- (3) 12.45 p.m.
- (4) 8.55 p.m.

SECTION B (40 marks)

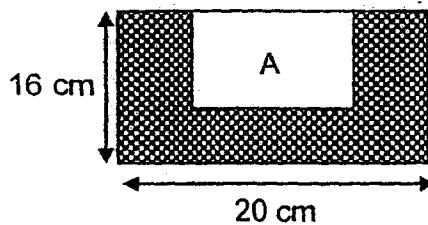
Question 16 to 35 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

16. Write the missing number in the number pattern below.

13 000, 12 400, 11 800, 11 200, _____, 10 000

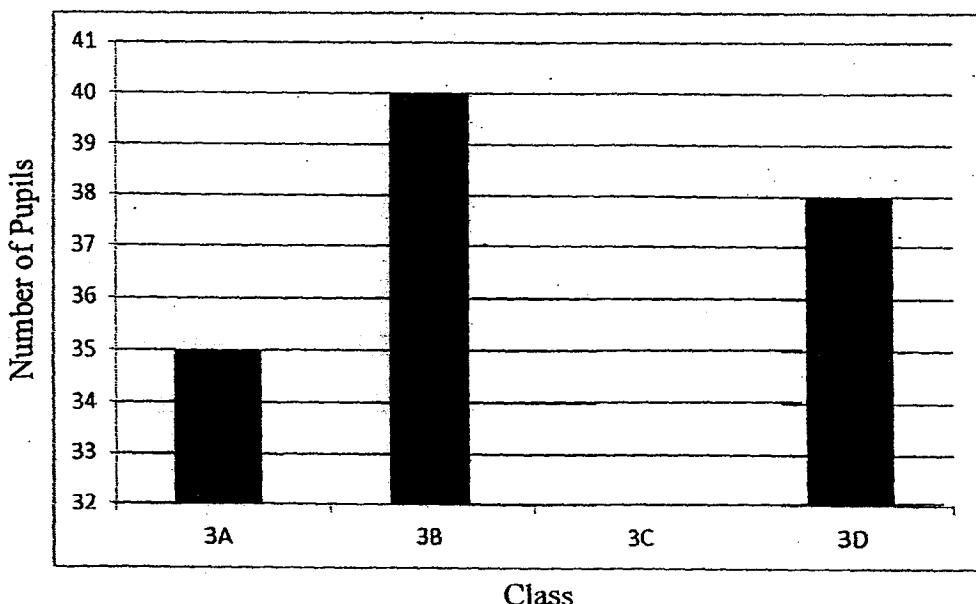
Ans: _____

17. Given that the area of Rectangle A is 150 cm^2 , find the area of the shaded part.



Ans: _____ cm^2

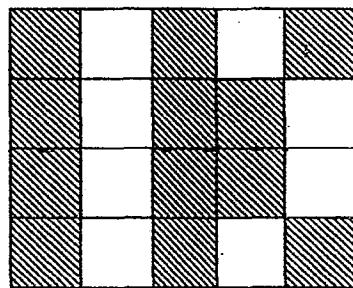
18. Study the graph below.
Class 3C has 4 pupils fewer than Class 3B.
Complete the bar graph below for 3C.



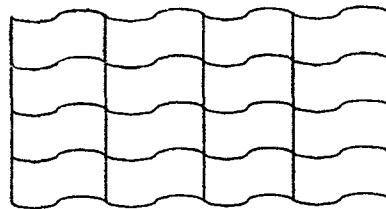
19. The length of a stick is 1 m 55 cm.
The length of a pole is 3 times that of the stick. What is the length of the pole?
Express your answer in m and cm.

Ans: _____ m _____ cm

20. Draw a line of symmetry in the figure shown below.



21. Shade the unit shape of tessellation below.



22. Which two of the fractions below are smaller than $\frac{1}{2}$?

$$\frac{2}{5}, \quad \frac{3}{6}, \quad \frac{4}{7}, \quad \frac{4}{11}$$

Ans: _____ and _____

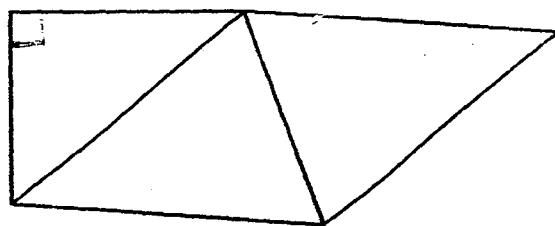
23. Arrange the following numbers from the smallest to the greatest.

$$\frac{3}{4}, 0.075, 0.705$$

Ans: _____
(smallest) _____ (greatest)

24. Study the figure below.

Mark out the right angle in the figure.



25. Find the value of $\frac{3}{10} + \frac{17}{100}$.

Ans: _____

26. Round off 8255 to the nearest tens

Ans: _____

27. Two factors of 9 are 1 and 9. What is the other factor?

Ans: _____

28. The table below shows the number of boys and girls in 3 different classes.
Find the values of X and Y.

Class	4A	4B	4C	Total
Boys	22	19	24	X
Girls	18	22	Y	58
Total	40	41	42	123

Ans: X _____

Y _____

29. What is $8 \text{ kg } 500\text{g} \times 8$?

Ans: _____ kg

30. The time in Tokyo is 1h ahead of Singapore. The flight from Singapore to Tokyo takes 6h 50min. The plane took off at 00 30 Singapore time.
What would be the time in Tokyo when the plane landed at Tokyo's airport?
(Give your answer in 24h clock)

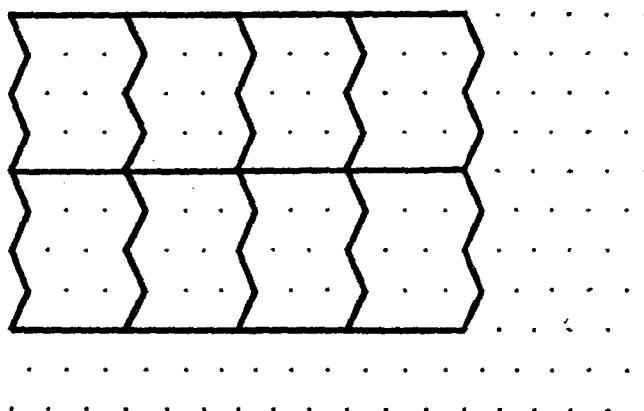
Ans: _____

31. Measure and write down the size of $\angle x$.



Ans: _____ °

32. Tessellate the figure below with 2 more unit shapes.



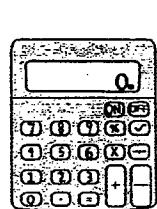
33. Find the value of 8.07×9 .

Ans: _____

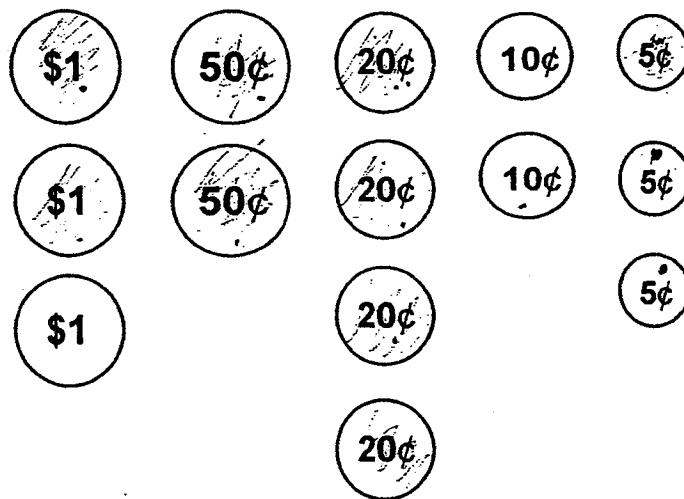
34. Find the product of 2 270 and 8.

Ans: _____

35. Meng Meng has the following coins in his wallet.
What is the maximum number of coins needed to make up the exact amount
to pay for the calculator?



\$3.85



Ans: _____

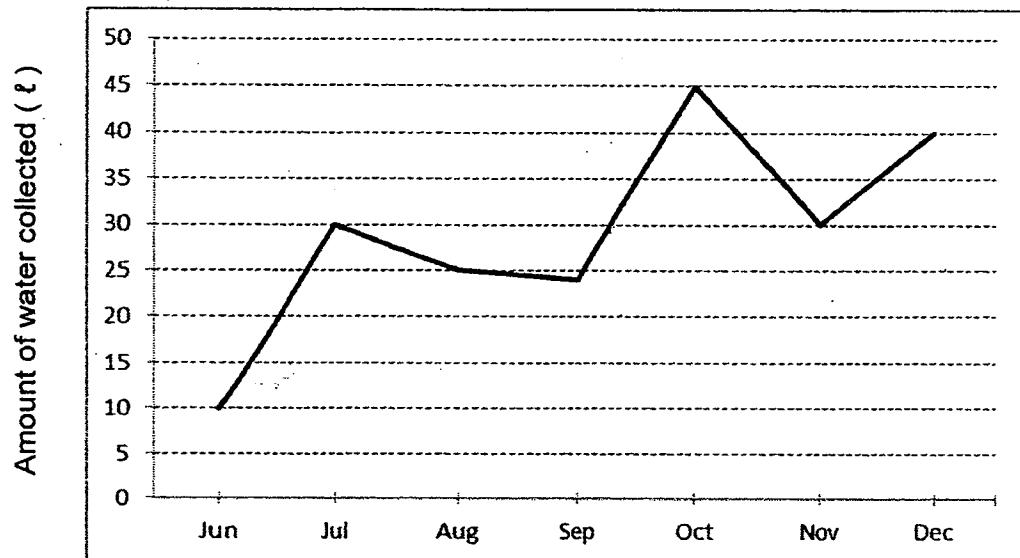
SECTION C (35 marks)

For question 36 to 44, 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. Answers in fractions must be expressed in the simplest form. 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.

36. Mary has 552 stamps and Ali has 3 times as many stamps as Mary.
Qing Han has half as many stamps as Ali.
How many stamps does Qing Han have?

Ans: _____ [3]

37. The line graph below shows the amount of water collected over some months.



- Which month has the least amount of water collected?
- What is the difference in the amount of water collected between Jul and Oct?

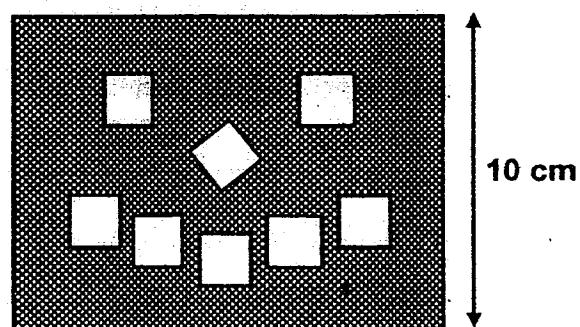
Ans: a) _____ [1]

b) _____ [2]

38. The total mass of 5 packets of prunes and 6 packets of cherries is 4.63 kg. The mass of each packet of prunes is 0.35 kg.
Find the mass of each packet of cherries.

Ans: _____ [3]

39. The figure shows a rectangle of breadth 10 cm and 8 similar squares of side 2 cm.
The area of the shaded part is 288 cm^2 .
What is the perimeter of the rectangle?



Ans: _____ [4]

40. Anita had some money at first.

She spent $\frac{1}{4}$ of her money on a dress and $\frac{1}{6}$ of her money on a coat.

She then gave \$54 to her mother.

In the end, the amount of money she had left was twice the amount of money she spent on the coat.

What was the total cost of the dress and the coat?

Ans: _____ [4]

41. 5 sticker albums and 3 pens cost \$65.
5 sticker albums and 5 pens cost \$70.
a) Find the cost of 1 pen
b) Find the cost of 1 sticker album

Ans: a) _____ [2]

b) _____ [3]

42. Kathy needs 4 apples and 7 oranges to make 650 mL of fruit juice. The fruit juice will then be poured into a jug with a capacity of 1 litre.
- How many oranges will she need when she has 72 apples to make some juices?
 - How many jugs will be needed when she uses all the fruits found in part (a) to make into juice?

Ans: a) _____ [2]

b) _____ [2]

43. Mr Cheng had 400 boxes of chocolates and candies in his shop at first.
He sold $\frac{1}{3}$ of the number of boxes of chocolates and 112 boxes of candies.

Then, he had 3 times as many boxes of candies as chocolates left.
What was the difference in the number of boxes of chocolates and candies at first?

Ans: _____ [5]

44. Ribbon A and Ribbon B each consists of a blue part and a green part.
Ribbon A is 80 cm shorter than Ribbon B.
The green part is 34 cm longer than the blue part on Ribbon A.
The blue part on Ribbon B is 26 cm longer than the blue part on Ribbon A.
How much longer is the green part than the blue part on Ribbon B?

Ans: _____ [4]

-End of Paper-

Please check your work carefully ☺

Setters: Mr. Johnson Ong
Mdm.Wai Sook Har

Exam Paper 2014 Answer Sheet

School: RAFFLES GIRLS' PRIMARY SCHOOL

Subject: PRIMARY 4 MATHEMATICS

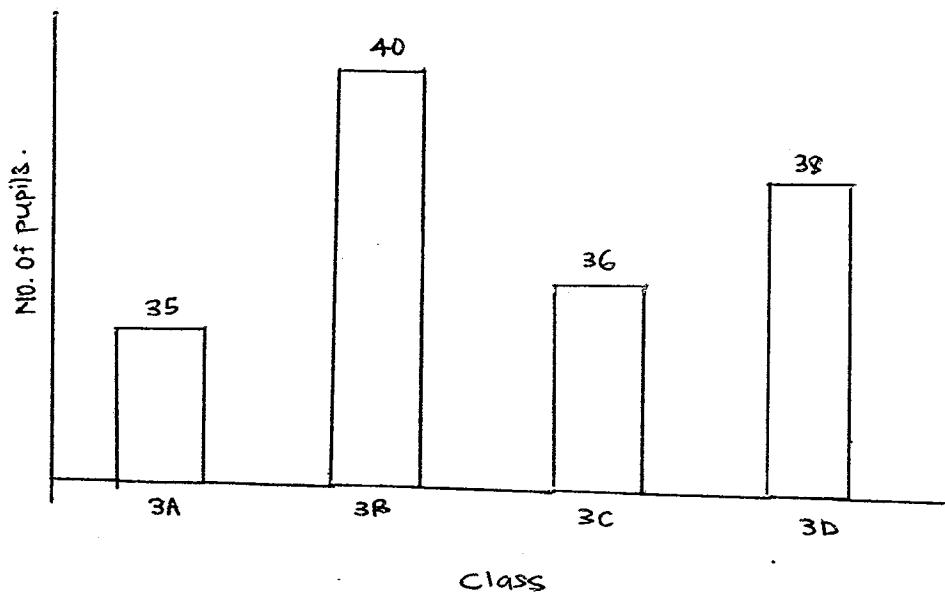
Term: SA2

1)	2	6)	3	11)	4
2)	4	7)	3	12)	1
3)	2	8)	3	13)	2
4)	2	9)	2	14)	2
5)	2	10)	2	15)	1

16. 10600

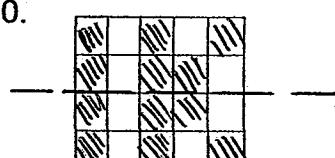
17. 170

18.

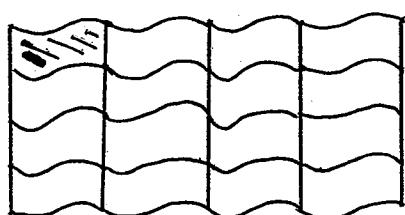


19. 4 m 65 cm

20.



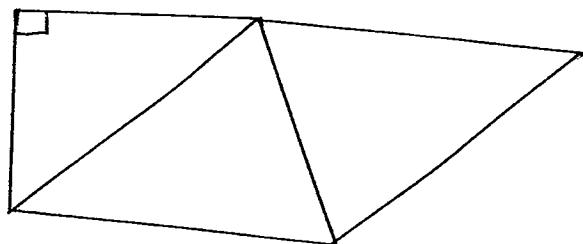
21.



22. ${}^4I_{11}, {}^2I_5$

23. 0.075, 0.705, 3I_4

24.



25. ${}^{47}I_{100}$

26. 8260

27. 3

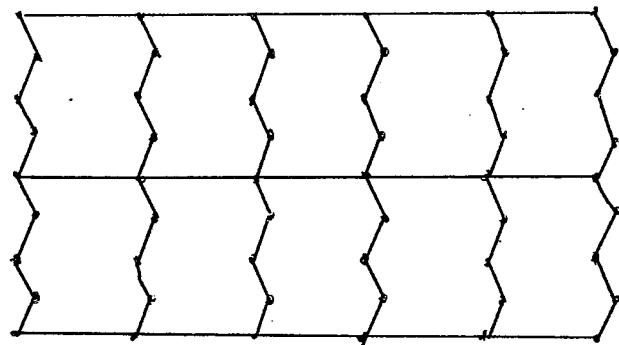
28. X: 65, Y: 18

29. 68

30. 0820

31. 130

32.



33. 72.63

34. 18160

35. 11

36. $552 \times 3 = 1656$
 $1656 \div 2 = 828$

37. (a) June
(b) $45 - 30 = 15$ litres

38. $0.35 \times 5 = 1.75$
 $4.63 - 1.75 = 2.88$
 $2.88 \div 6 = 0.48$ kg

39. $2 \times 2 = 4$
 $4 \times 8 = 32$
 $288 + 32 = 320$
 $320 \div 10 = 32$
 $(32 + 10) \times 2 = 84$ cm

40. $\frac{1}{4} + \frac{1}{6} = \frac{5}{12}$
 $\frac{5}{12} + \frac{1}{3} = \frac{9}{12}$
 $1 - \frac{9}{12} = \frac{3}{12}$
 $54 \div 3 = 18$
 $18 \times 5 = \$90$

41. (a) $70 - 65 = 5$
 $5 \div 2 = \$2.50$
(b) $2.5 \times 3 = 7.5$
 $65 - 7.5 = 57.5$
 $57.5 \div 5 = \$11.50$

42. (a) $72 \div 4 = 18$
 $18 \times 7 = 126$
(b) $650 \times 18 = 11700$
 $5200\text{ml} = 5\text{l } 200\text{ml}$
 $11700\text{ml} = 11\text{l } 700\text{ml}$
 $11 + 1 = 12$

43. $400 - 112 = 288$
 $288 \div 9 = 32$
 $32 \times 3 = 96$
 $96 + 112 = 208$

44. $80 - 26 = 54$
 $54 + 34 = 88$
 $88 - 26 = 62$ cm



RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 1 2010

Name : _____ () Class: P4 _____

11 MAY 2010 MATHEMATICS Att: 1 h 45 min

Your Score Out of 100 marks		
	Class	Level
Highest score		
Average score		
Parent's Signature		

SECTION A (25 marks)

Question 1 to 5 carry 1 mark each. Question 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 your answer (1, 2, 3 or 4) on the OAS provided.

1. In 85 204, the digit 5 is in the _____ place.

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

()

2. Which of the following is not a multiple of 8?

- (1) 16
- (2) 32
- (3) 46
- (4) 72

()

3. There are 83 chocolates in a box. How many chocolates are there in 9 boxes of chocolate?

- (1) 727
- (2) 747
- (3) 907
- (4) 927

()

4. Multiply 879 by 6 tens. The answer is _____.

- (1) 5224
- (2) 5274
- (3) 52240
- (4) 52740

()

5. The difference between 1867 cm and 7209 cm is _____.

- (1) 5 m 332 cm
- (2) 5 m 342 cm
- (3) 53 m 32 cm
- (4) 53 m 42 cm

()

6. If the perimeter of a rectangle is 72 cm and its breadth is 8 cm, what is its length?

- (1) 9 cm
- (2) 28 cm
- (3) 36 cm
- (4) 56 cm

()

7. Madam Felicia went to the supermarket and bought the fruits as shown in the table.

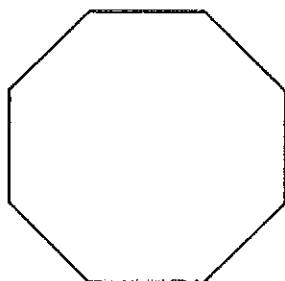
Fruits	Quantity	Mass per item
Strawberries	3	50g
watermelons	2	2kg 350g

What was the total mass of all the fruits she bought?

- (1) 2kg 400g
- (2) 2kg 500g
- (3) 4kg 700g
- (4) 4kg 850g

()

8. How many pair(s) of parallel lines are there in the figure below?



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

()

9. Which of the following is the same as $3\frac{2}{9}$?

(1) $\frac{6}{9}$

(2) $\frac{27}{9}$

(3) $\frac{29}{9}$

(4) $\frac{32}{9}$

()

10. Subtract $\frac{5}{8}$ from $\frac{3}{4}$. The answer is _____.

(1) $\frac{1}{8}$

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

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

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

()

11. Subtract 300 tens from the sum of 58 thousands and 15 tens. The answer is _____.

(1) 55 015

(2) 55 150

(3) 57 850

(4) 58 015

()

12. Find the sum of all the common factors of 36 and 45.

(1) 1

(2) 12

(3) 13

(4) 4

()

13. Find the sum of 2075 and 8381, rounding off your answer to the nearest hundreds.

(1) 10 400
(2) 10 450
(3) 10 460
(4) 10 500

()

14. There were 36 adults and 108 children at a concert. What fraction of the audience were adults?

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

()

15. Ahmad sold 5 school bags and 9 pairs of shoes at a total price of \$447. If each school bag cost \$39, what was the price of each pair of shoes?

(1) \$19
(2) \$28
(3) \$29
(4) \$38

()

SECTION B (40 marks)

Question 16 to 35 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. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

16. Jill has \$4.90. She has the same number of 20-cent coins and 50-cent coins. How many 20-cent coins does she have?

Ans: _____

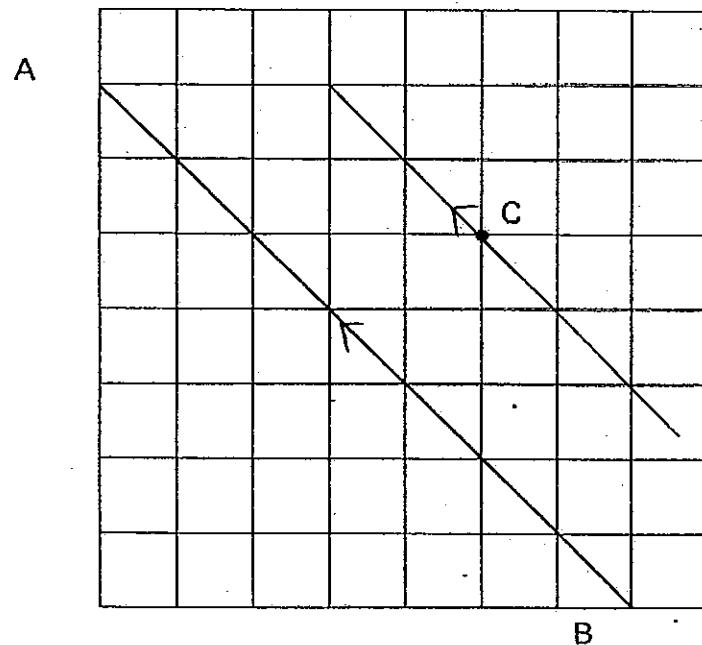
17. There are 28 classrooms in a primary school. How many classrooms are there in 3123 primary schools?

Ans: _____

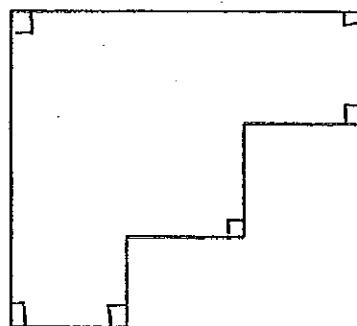
18. Find the length of a rectangle if its area is 108 cm^2 and its breadth is 9 cm.

Ans: _____ cm

19. Using a ruler and a set-square, draw a line parallel to the given line, AB through the point C.

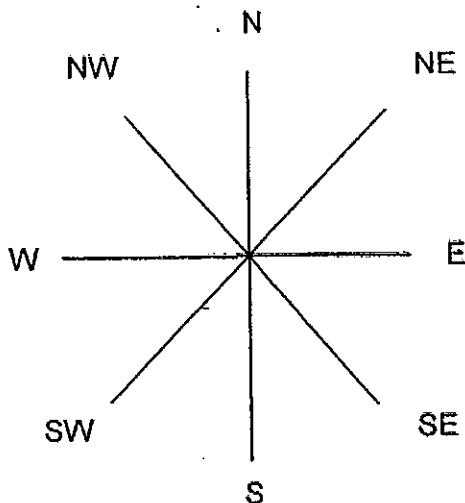


20. How many right angles can you find **within** the figure below?



Ans: _____

21. Chris is facing North-East. If she turns in an anti-clockwise direction, what is the angle that she needs to turn to face south?



Ans: _____ °

22. Arrange the following fractions from the smallest to the greatest.

$$1\frac{1}{3}, \quad \frac{4}{12}, \quad 1\frac{4}{6}, \quad \frac{7}{4}$$

Ans: _____

23. What is the product of 12 and $\frac{5}{18}$?

Ans: _____

24. There were 24 783 people living in Marine Parade Town. 892 people moved out of the estate. How many people were left? Round off your answer to the nearest thousands.

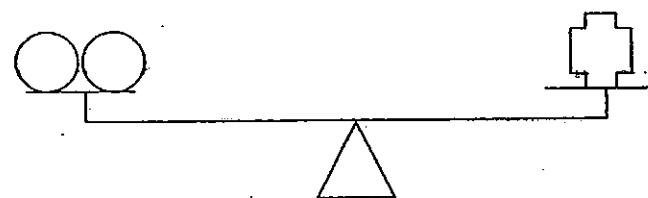
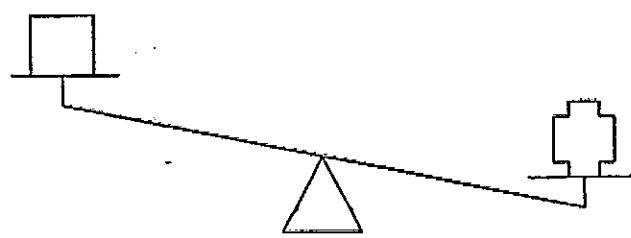
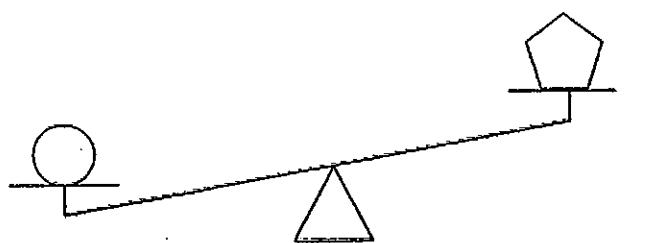
Ans: _____

25. $62\ 913 = 60\ 000 + 2003 + \underline{\hspace{2cm}}$

What is the missing number?

Ans: _____

26. Look at the diagrams below.



Which shape, A, B, C or D is the heaviest?



A



B



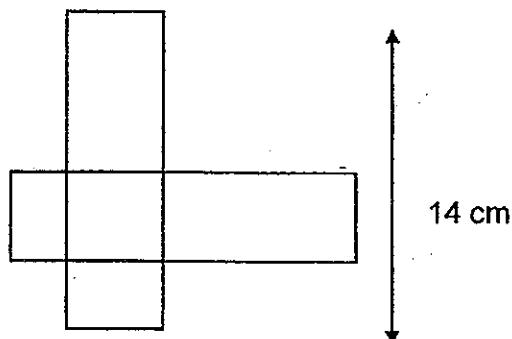
C



D

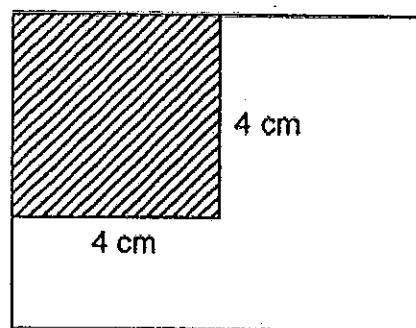
Ans: _____

27. The figure below is made up of 2 identical rectangles of length 14 cm. Find the perimeter of the figure.



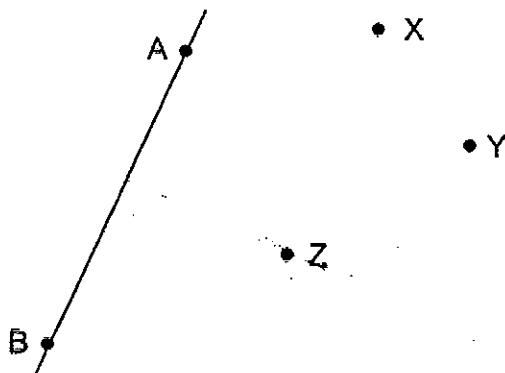
Ans: _____ cm

28. The diagram below is made up of a shaded square and a rectangle. The square has sides of 4 cm and the area of the rectangle is 3 times the area of the square. What is the breadth of the rectangle if its length is twice the side of the square?

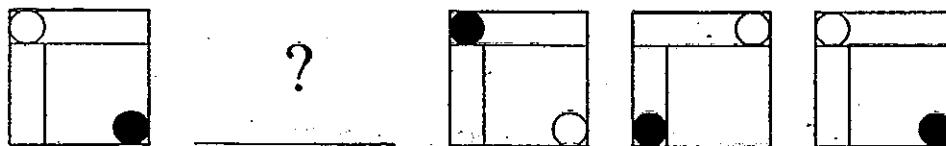


Ans: _____ cm

29. Which of the dots, X, Y or Z, when joined to point A will give a line perpendicular to AB? Draw a line perpendicular to AB through any of the dots, X, Y or Z.



30. Complete the sequence of patterns below by drawing the possible pattern.



Ans: _____

31. Find the value of $\frac{9}{4} + \frac{23}{6}$. Leave your answer as an improper fraction.

Ans: _____

$$32. \frac{1}{7} + \frac{\square}{21} = \frac{1}{3}$$

What is the missing number in the box?

Ans: _____

33. What is the missing number in the pattern?

2, 3, 6, 18, _____, 1944

Ans: _____

34. John has 36 yellow marbles and an equal number of red and green marbles.
If he has a total of 60 marbles, what fraction of his marbles are red?

Ans: _____

35. A bottle is $\frac{2}{3}$ full when it is filled with 6 litres of water. How much water must be poured away for the bottle to be $\frac{1}{2}$ full?

Ans: _____

SECTION C (35 marks)

For question 36 to 44, 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. Answers in fractions must be expressed in the simplest form. 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.

36. Madam Chong spent \$1099 to buy some boxes of chocolate. Each box cost \$7. She kept some for her family as Christmas presents. She sold the rest at \$9 each and collected \$1161. How many boxes of chocolate did she keep for her family?

Ans: _____ [3]

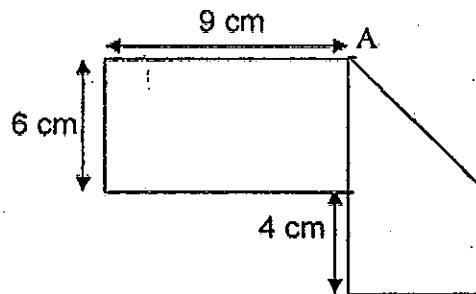
37. Jodie bought a total of 687 beads. There were 124 red beads and 95 more blue beads than red ones. The rest were green beads. How many green beads were there?

Ans: _____ [3]

38. Sam has 96 English and Chinese books altogether. $\frac{3}{4}$ of the English books and $\frac{1}{2}$ of the Chinese books are fiction books. The rest are non-fiction books. He has a total of 24 Chinese books. How many non-fiction books does he have?

Ans: _____ [4]

39. A rectangular piece of paper is folded along line AB.
- Find the area of the paper before it was folded.
 - How many 2-cm squares can be cut from the unfolded rectangular piece of paper?



Ans: (a) _____ [2]

(b) _____ [2]

40. Ming Zhuan and Fahir had a total mass of 69 kg when they were 12 years old. Ten years later, their total mass increased by 57 kg and Ming Zhuan's mass was 2 times of Fahir's mass.
- What was the mass of Ming Zhuan ten years later?

Ans: _____ [4]

41. Both Jane and Tom received some money each from their mother. Tom received \$360 and spent $\frac{3}{5}$ of his money on a computer game while Jane spent part of the money she received on a dress. They both had the same amount of money left.

- (a) How much money did Tom have after buying the computer game?
(b) If Jane had paid \$120 for the dress, how much money did she receive from her mother?

Ans: (a) _____ [2]

(b) _____ [2]

42. Mr Tan sold 456 roasted ducks at \$23 each in two days. He sold 5 times as many roasted ducks on the first day as the second day. How much did he collect on the first day?

Ans: _____ [4]

43. There are some ducks and cows in the farm. Altogether, there are 27 heads and 84 legs. How many ducks and how many cows are there?

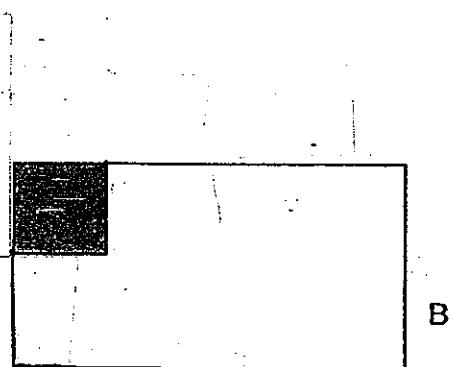
Ans: _____ cows and _____ ducks [4]

44. 2 rectangles A and B overlap at X as shown in the diagram below.

X is $\frac{1}{8}$ of rectangle A.

X is $\frac{1}{6}$ of rectangle B.

If the length of rectangle B is 9 cm and its breadth is 4 cm what is the area of the unshaded part of figures A and B?

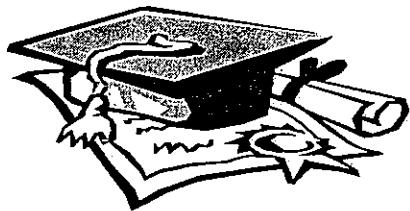


Ans: _____ [5]

-End of Paper-

Please check your work carefully ☺

Setters: Miss Chong Jieqi
Mdm Tng Jiew Kim
Mr Lau Kar Loong

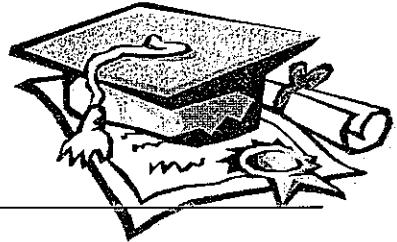


ANSWER SHEET

EXAM PAPER 2010

SCHOOL : RAFFLES GIRLS' PRIMARY
SUBJECT : PRIMARY 4 MATHEMATICS

TERM : SA1



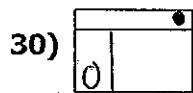
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
3	3	2	4	4	2	4	4	3	1	2	3	4	1	2

16) 7 20 coins 17) 87444 classrooms 18) 12cm 19)

20) 6 right angles 21) 225° 22) $4/12, 11/3, 14/6, 7/4$

23) $3\frac{1}{3}$ 24) 24000 25) 910 26) D

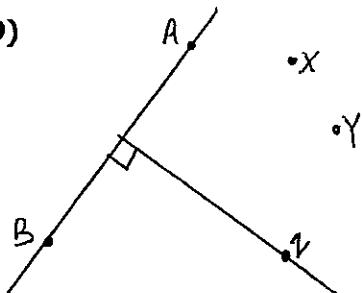
27) 56cm 28) 6cm 29)



30) $\frac{73}{12}$

32) 4 33) 108

34) $1\frac{1}{5}$ 35) $1\frac{1}{2}L$



36) $1099 \div 7 = 157$ boxes of chocolates

$$1161 \div 9 = 129 \text{ sold}$$

$$157 - 129 = 28 \text{ kept for family}$$

She kept 28 boxes of chocolate for her family.

37) $124 + 95 = 219$

$$124 + 219 = 343$$

$$687 - 343 = 344$$

There were 344 green beads.

38) (Chinese fiction) $\rightarrow \frac{1}{2} \times 24 = 12$

$$\text{Chinese non-fiction} \rightarrow 24 - 12 = 12$$

$$96 - 24 = 72$$

$$\text{English fiction} \rightarrow \frac{3}{4} \times 72 = 54$$

$$54 + 12 = 66$$

$$96 - 66 = 30 \text{ non fiction}$$

He has 30 non-fiction books.

39)a) $19 \times 6 = 114\text{cm}^2$

The area before it was folded was 114cm^2

b) $19 \div 2 = 9 \text{ r } 1$

$6 \div 2 = 3$

$9 \times 3 = 27$ squares

40) $126 \div 3 = 42$

$42 \times 2 = 84\text{kg}$

Ming Zhuan was 84kg ten years later.

41) Tom

a) 5 units $\rightarrow \$360$

1 unit $\rightarrow 360 \div 5 = \72

2 units $\rightarrow \$72 \times 2 = \144

Tom had $\$144$ after buying a computer game.

b) Jane

Left $\rightarrow \$144$

Received $\rightarrow \$144 + \$120 = \$264$

She received $\$264$.

42) $456 \div 6 = 76$

$76 \times 23 = \$1748$

5 units $\rightarrow 76 \times 5 = 380$

1st day $\rightarrow 380$

380 ducks $\rightarrow \$23 \times 380 = \8740

Mr Tan collected $\$8740$ on the first day.

Duck (legs)	cows (legs)	Total	check
(14) 28	(13) 52	80	x
(13) 26	(14) 56	82	x
(12) 24	(15) 60	84	✓

There were 15 cows and 12 ducks altogether.

44) Area of rectangle $\rightarrow 9 \times 4 = 36\text{cm}^2$

Area of X $\rightarrow 1/6 \times 36 = 6\text{cm}^2$

A $\rightarrow 6 \times 8 = 48$

Unshaded A $\rightarrow 48 - 6 = 42$

Unshaded B $\rightarrow 36 - 6 = 30$

Total $\rightarrow 42 + 30 = 72\text{cm}^2$

The area of the unshaded is 72cm^2 .



RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 2 2011

Name : _____ () Class: P4 _____

24 OCT 2011 MATHEMATICS Att: 1 h 45 min

Your Score Out of 100 marks		
	Class	Level
Highest score		
Average score		
Parent's Signature		

SECTION A (25 marks)

Questions 1 to 5 carry 1 mark each. Question 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 your answer (1, 2, 3 or 4) on the OAS provided.

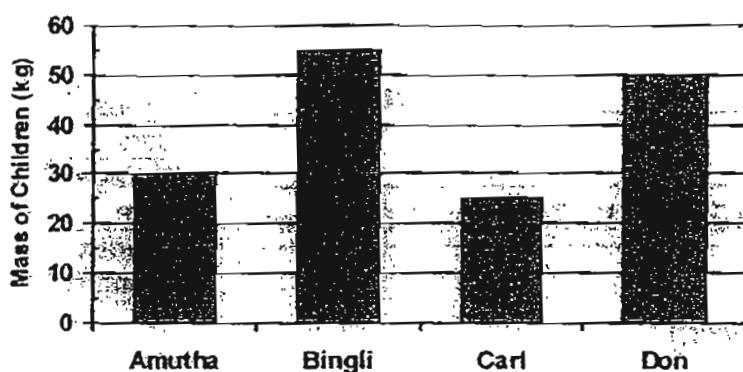
1. The value of the digit 7 in 72 845 is _____
(1) 70
(2) 700
(3) 7000
(4) 70000 ()

2. 68 547 when rounded off to the nearest hundred is _____
(1) 68 000
(2) 68 500
(3) 68 600
(4) 69 000 ()

3. The area of a square is 64 cm^2 . Find the length of each side of the square.
(1) 8 cm
(2) 16 cm
(3) 32 cm
(4) 256 cm ()

4. Jovina left her house at 8.40a.m. for the market. She took 35 minutes to walk to the market. What time did she reach the market?
(1) 8.05 a.m.
(2) 8.10 a.m.
(3) 9.10 a.m.
(4) 9.15 a.m. ()

5. The table below shows the mass of 4 children.
Study it carefully and answer the question.



Find the difference in mass between the lightest child and the heaviest child.

- (1) 15kg
(2) 20kg
(3) 25kg
(4) 30kg

()

6. Express 0.08 as a fraction in its simplest form.

- (1) $\frac{2}{25}$
(2) $\frac{4}{5}$
(3) $\frac{1}{10}$
(4) $\frac{1}{8}$

()

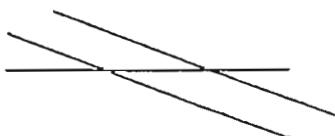
7. Which of the following fractions is in its simplest form?

- (1) $\frac{3}{5}$
(2) $\frac{4}{8}$
(3) $\frac{6}{9}$
(4) $\frac{3}{15}$

()

8. Which of the following figures contains both parallel lines and perpendicular lines?

(1)



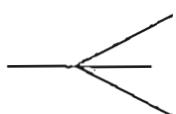
(2)



(3)



(4)



()

9. $4\frac{5}{6} = \frac{\square}{6}$

What is the missing number in the box?

(1) 15

(2) 20

(3) 24

(4) 29

()

10. $8.\underline{0}\underline{9} = 8 + \frac{9}{\square}$

What is the missing number in the box?

(1) 1

(2) 10

(3) 100

(4) 1000

()

11. In which of the following are the numbers arranged from the smallest to the greatest?

(smallest) (greatest)
(1) 8790, 8709, 8079

- (2) 8079, 8790, 8709
 (3) 8790, 8709, 8079
 (4) 8079, 8709, 8790

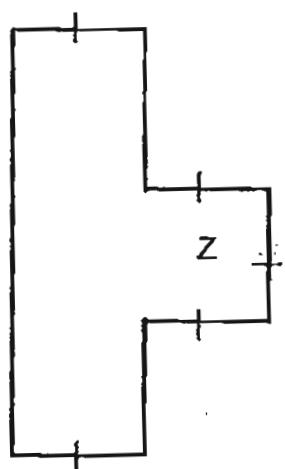
()

12. Christina has \$45.65. She has \$2.30 less than Suresh. How much do they have altogether?

- (1) \$43.35
 - (2) \$47.95
 - (3) \$89.00
 - (4) \$93.60

()

13. Figure Z is made up of a rectangle X and a square Y of sides 4 cm. The length of rectangle X is the same as the perimeter of square Y. The breadth of rectangle X is 4 cm. Find the perimeter of figure Z.



- (1) 32 cm
(2) 44 cm
(3) 48 cm
(4) 56 cm

()

14. The table below shows the number of girls taking part in different CCA in a school. Each girl took part in only one CCA.

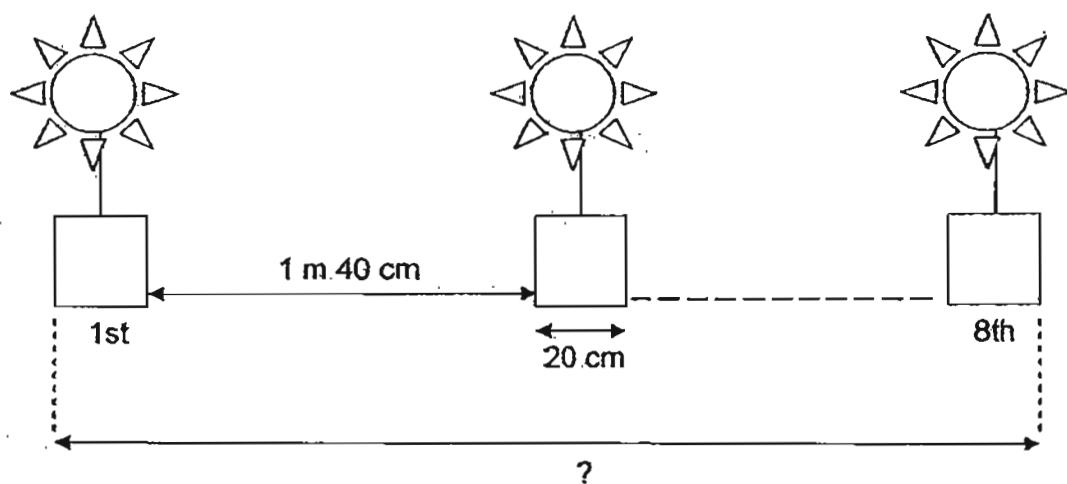
CCA	Number of girls
Swimming	82
Badminton	70
Basketball	92
Tennis	36

$\frac{1}{4}$ of the total number of girls took part in _____.

- (1) Swimming
(2) Badminton
(3) Basketball
(4) Tennis

()

15. Eight pots of flowers are placed at equal distance of 1m 40 cm from each other as shown in the diagram below. What is the total distance from the first and the last pot of flower?



- (1) 980 cm
(2) 1120 cm
(3) 1140 cm
(4) 1280 cm

()

SECTION B (40 marks)

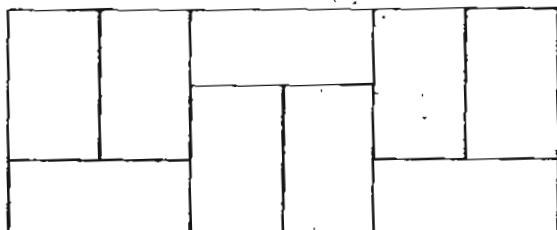
Question 16 to 35 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

16. Fill in the blank with the correct number in the number pattern below.

$$54, 68, 82, \underline{\hspace{2cm}}, 110$$

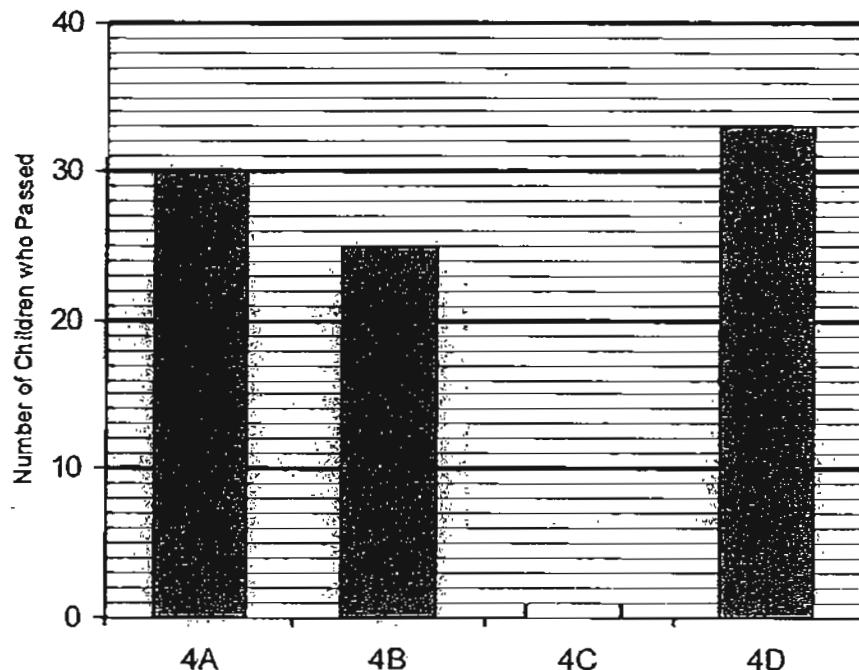
Ans: _____

17. The figure is made up of nine identical rectangles each measuring 4cm by 2cm. Find the perimeter of the figure.



Ans: _____ cm

18. The bar graph below shows the number of pupils who passed the Physical Fitness Test this year in four classes.

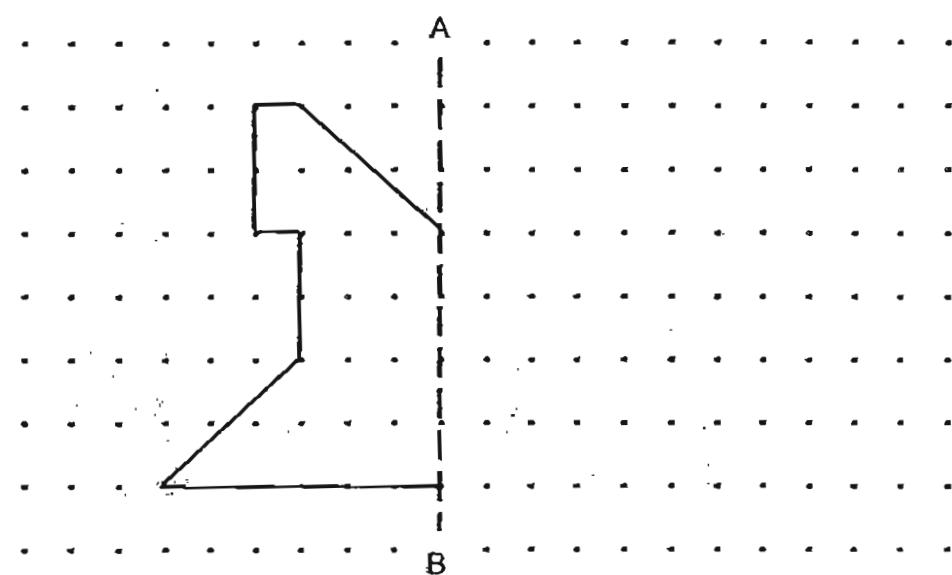


A total of 108 pupils in the four classes passed the Physical Fitness Test.
Complete the bar graph above to show the number of pupils in Primary 4C
who had passed the test.

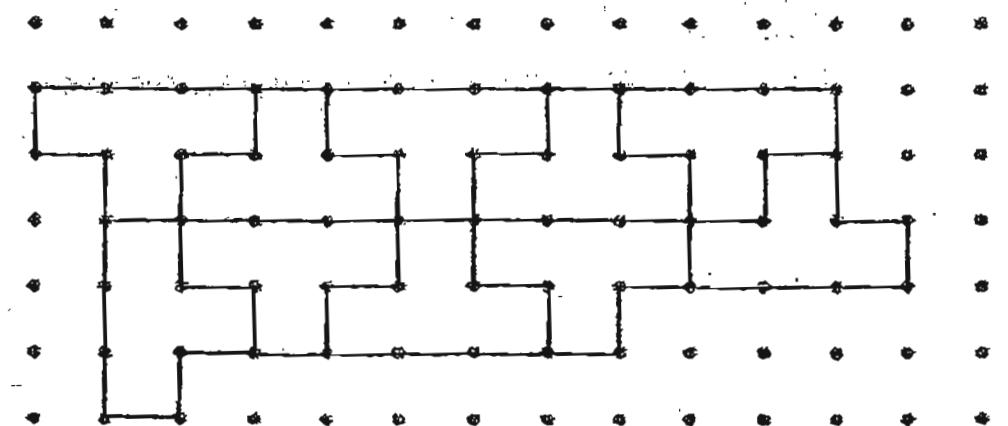
19. 6 identical tennis balls have a total mass of 54 g.
3 identical ping pong balls have a total mass of 12 g.
What is the total mass of 8 such tennis balls and 3 such ping pong balls?

Ans: _____ g

20. Complete the following figure to make it symmetrical about AB.



21. Study the tessellation below.
Shade the two unit shapes that are tessellated incorrectly.



22. Arrange the following fractions from the smallest to the greatest.

$$\frac{3}{4}, \quad \frac{3}{8}, \quad \frac{5}{8}$$

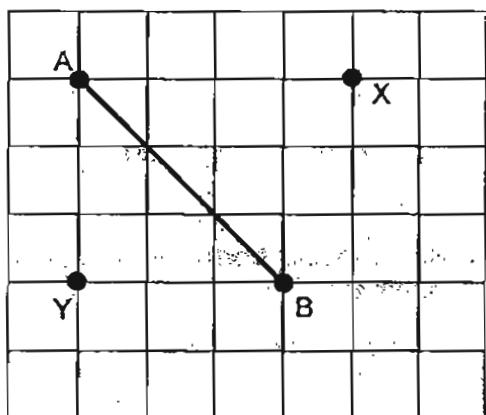
Ans: _____
(smallest) _____ (greatest)

23. Arrange the following numbers in order from the greatest to the smallest.

$$0.023, \quad 0.302, \quad 0.203$$

Ans: _____
(greatest) _____ (smallest)

24. A straight line AB is drawn on the square grids as shown below.



- Draw a line perpendicular to AB passing through point X.
- Draw a line parallel to AB passing through point Y.

25. $\frac{1}{3} - \frac{2}{9} =$ _____

Ans: _____

26. $6568 \div 8 =$ _____

Ans: _____

27. Two factors of 21 are 1 and 21. What are the other two factors of 21?

Ans: _____ and _____

28. The table below shows the number of books the pupils borrowed in August. How many books did the pupils borrow altogether?

Number of books borrowed	0	1	2
Number of pupils	5	16	19

Ans: _____

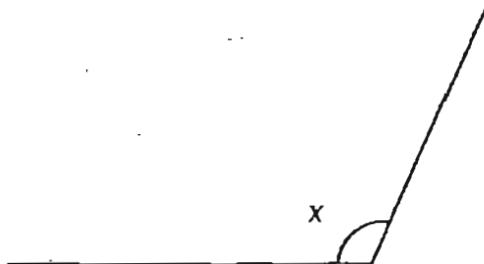
29. Object A weighs 1 kg 500 g.
The mass of object B is four times the mass of object A.
Find the mass of object B.

Ans: _____ g

30. Tammy takes 1 hour 10 minutes to reach home from work by cycling. If she takes a bus, she could reach home in $\frac{1}{5}$ of the time taken by cycling. How much longer is her travelling time by cycling?

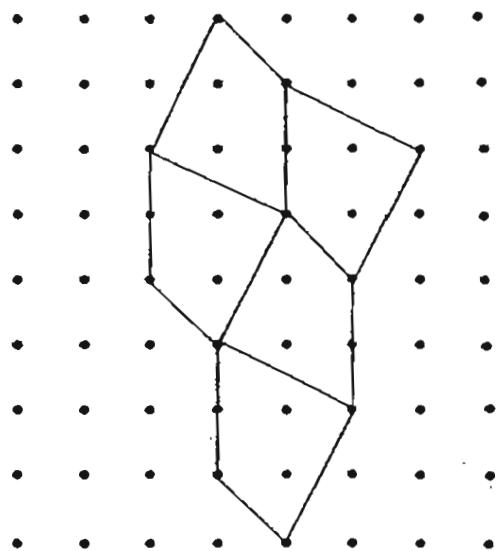
Ans: _____ min

31. Measure and write down the size of $\angle X$.



Ans: _____ °

32. Extend the tessellation by drawing 2 more unit shapes.



33. Find the value of 6.27×8 .

Ans: _____

34. Subtract 493 from 872.

Ans: _____

35. Meng Meng had enough money to buy 20 oranges only. She bought 14 oranges and had \$2.70 left. How much money did she have at first?

Ans: \$ _____

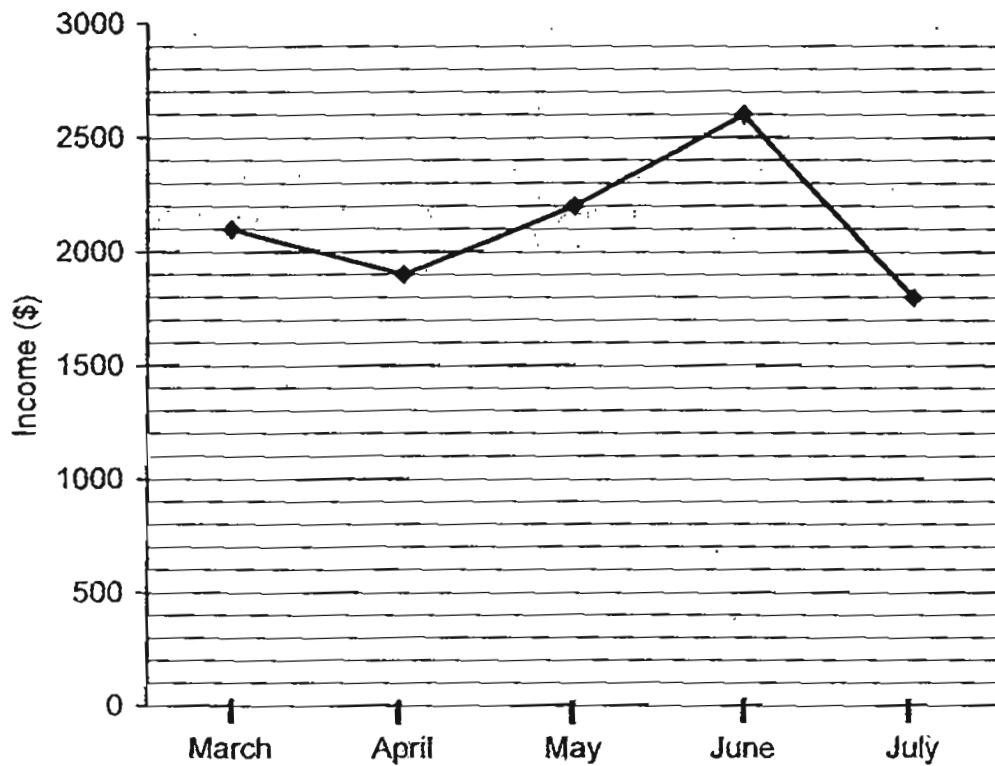
SECTION C (35 marks)

For question 36 to 44, 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. Answers in fractions must be expressed in the simplest form. 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.

36. Mei Ying and Rashid had 70 pencils altogether. When Mei Ying gave 8 of her pencils to Rashid, Rashid had 6 times as many pencils as Mei Ying. How many pencils did Rashid have at first?

Ans: _____ [3]

37. The graph below shows the income Mr Walla made as a salesman from March to July.



- a) What was the difference between the highest and lowest income earned by Mr Walla?

Ans: (a) _____ [2]

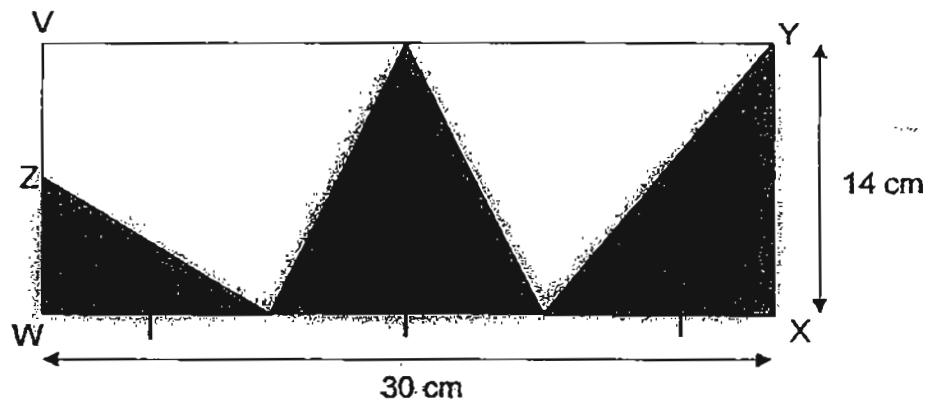
- (b) Between which two months was the decrease in Mr Walla's income the greatest?

Ans: (b) _____ and _____ [1]

38. 3 pails and 2 tanks can hold a total of 54.9ℓ of milk. A tank can hold 3 times as much milk as a pail. How much milk can a tank and 4 pails hold altogether?

Ans: _____ [3]

39. VWXY is a rectangle of length 30 cm and breadth 14 cm. Z is the mid-point of VW. Find the area of the shaded part of the rectangle.



Ans: _____ [4]

40. Kelly and Alex were given some allowance at first.

Kelly spent $\frac{1}{4}$ of her allowance and had \$360 left.

Alex spent three times as much as Kelly and had $\frac{1}{2}$ of his allowance left.

- (a) How much allowance did Kelly have at first?
- (b) How much more allowance did Alex have than Kelly?

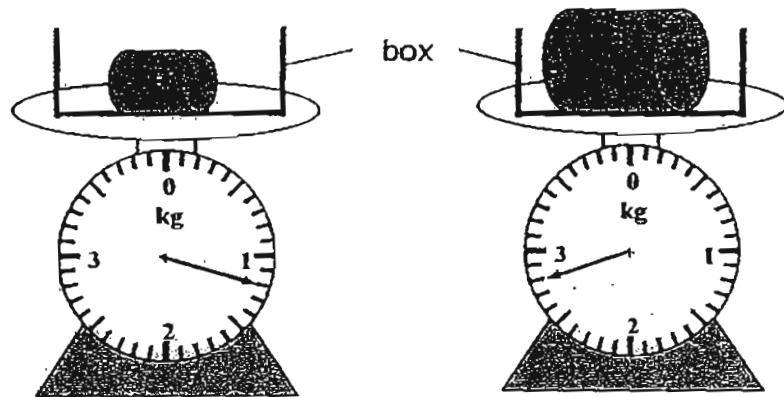
Ans: (a) _____ [3]
(b) _____ [1]

41. Mrs Tan had a sum of money. At the Great Singapore Sale, She spent $\frac{1}{4}$ of her money on 5 pairs of shoes of the same price and half of the remainder on an oven. She then spent \$52.30 on clothes and had \$88.70 left. What was the price of each pair of shoes?

Ans: _____ [4]

42. The diagram below shows the mass of two identical boxes with objects P and Q placed in them respectively.

- (a) Given that object Q is three times as heavy as object P, find the mass of object Q.
(b) Find the mass of an empty box. Express your answer in grams.



Ans: (a) _____ [3]

(b) _____ [1]

43. Sammy has \$60 and Timothy has \$40 in their bank account. Everyday, Sammy deposits \$5 while Timothy deposits \$9.
- (a) How long does it take for Sammy and Timothy to have the same amount of money in their account?
- (b) How many days will Timothy need to save in order to have \$40 more than Sammy?

Ans: (a) _____ [3]

(b) _____ [2]

44. Mrs Gopal had some \$2, \$5 and \$10 notes in her purse. The number of \$5 notes was $\frac{1}{3}$ the number of \$2 notes. The number of \$10 notes was $\frac{1}{2}$ the number of \$2 notes. After spending all her \$10 notes and $\frac{2}{3}$ of her \$2 notes, she had \$210 left in her purse. How much money did she spend altogether?

Ans: _____ [5]

-End of Paper-
Please check your work carefully ☺

Setters: Chong Jie Qi & Yeo Melissa

Answer Ke

EXAM PAPER 2011

SCHOOL : RAFFLES GIRLS'
SUBJECT : PRIMARY 4 MATHEMATICS

TERM : SA2

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

16) 96

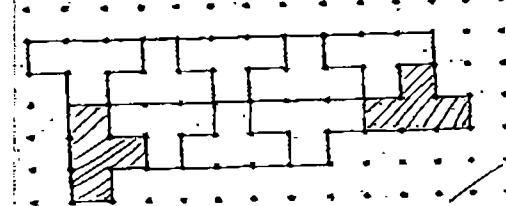
17) 36cm

18) draw to 20

19) 84g

20)

21)



22) $\frac{3}{8}, \frac{5}{8}, \frac{3}{4}$

23) 0.302, 0.203, 0.023

25) 1/9

26) 821

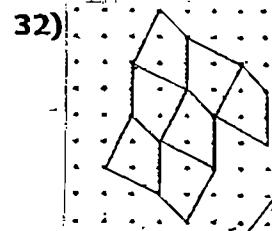
27) 3 and 7

28) 54 books

29) 6000g

30) 56min

31) 115°



33) 50.16

34) 379

35) \$9.00

36) $70 \div 7 = 10$

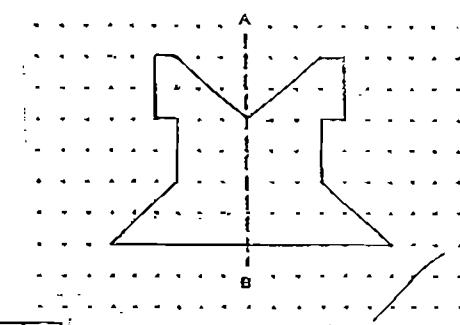
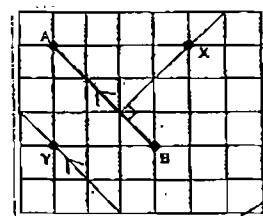
$$10 \times 6 = 60$$

$$60 - 8 = 52$$

Rashid had 52 pencils at first.

37)a) \$800

b) June and July



$$38) 54.9 \div 9 = 6.1$$

$$6.1 \times 3 = 18.3$$

$$6.1 \times 4 = 24.4$$

$$24.4 + 18.3 = 42.7$$

A tank and 4 pails can hold 42.7L of milk.

$$39) 30 \div 3 = 10$$

$$10 \times 7 = 70$$

$$70 \div 2 = 35$$

$$20 \times 14 = 280$$

$$280 \div 2 = 140$$

$$35 + 140 = 175$$

The area of the shaded part is 175cm²

$$40)a) 360 \div 3 = 120$$

$$120 \times 4 = 480$$

Kelly had \$480 at first.

$$b) 120 \times 3 = 360$$

$$360 \times 2 = 720$$

$$720 - 480 = 240$$

Alex have \$240 more than Kelly.

$$41) 52.30 + 88.70 = 141.00$$

$$141 \times 2 = 282$$

$$282 \div 3 = 94$$

$$94 \div 5 = 18.80$$

Each pair of shoes are \$18.80.

$$42)a) 2.8 - 1.2 = 1.6$$

$$1.6 \div 2 = 0.8$$

$$Q \rightarrow 3 \times 0.8 = 2.4\text{kg}$$

The mass of object Q is 1 kg 200g.

$$b) 400\text{g}$$

43)a) It takes 5 days.

b) 15 days.

$$44) 2 + 5 = 7$$

$$210 \div 7 = 30$$

$$10 \times 30 = 300$$

$$2 \times 60 = 120$$

$$10 \times 15 = 150$$

$$300 + 120 + 150 = 570$$

She spent \$570 dollars altogether.



RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 1 2011

Name : _____ () Class: P4 _____

10 MAY 2011 MATHEMATICS Att: 1 h 45 min

Your Score Out of 100 marks	
	Class
Highest score	
Average score	
Parent's Signature	

SECTION A (25 marks)

Question 1 to 5 carry 1 mark each. Question 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 your answer (1, 2, 3 or 4) on the OAS provided.

1. In 97 518, the digit ___ is in the thousands place.

(1) 1
(2) 5
(3) 7
(4) 9 ()

2. Round off 5495 to the nearest hundred.

(1) 5000
(2) 5400
(3) 5500
(4) 6000 ()

3. Madam Hasni makes 327 curry puffs every day. How many curry puffs will she make in 8 days?

(1) 2416
(2) 2602
(3) 2616
(4) 3416 ()

4. Multiply 379 by 7 tens. The answer is _____.
- (1) 2553
(2) 2653
(3) 25530
(4) 26530 ()

5. Express 3 m 2 cm in centimetres.
- (1) 32 cm
(2) 302 cm
(3) 3002 cm
(4) 3020 cm ()

6. The perimeter of rectangle A is 7 times its breadth.

If the perimeter of rectangle A is 28 cm, find its length.



rectangle A

- (1) 20 cm
(2) 10 cm
(3) 7 cm
(4) 4 cm ()

7. Express 4050 g in kilograms and grams.

- (1) 4 kg 5 g
- (2) 4 kg 50 g
- (3) 40 kg 5 g
- (4) 40 kg 50 g

()

8. Which of the following figures have more than 1 pair of parallel lines?

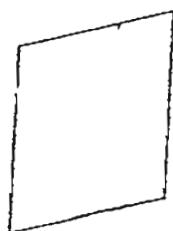


figure A

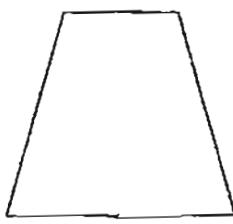


figure B

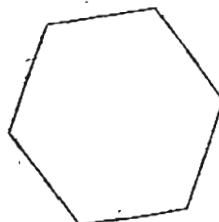


figure C

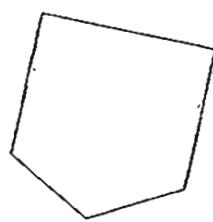


figure D

- (1) A and B only
- (2) A and C only
- (3) A, B and C only
- (4) B, C and D only

()

9. Fill in the box with a suitable number.

$$3\frac{1}{8} = \frac{\boxed{}}{8}$$

- (1) 24
- (2) 25
- (3) 31
- (4) 32

()

10. Find the value of $4\frac{3}{10} - 1\frac{2}{5}$.

(1) $2\frac{1}{10}$

(2) $2\frac{9}{10}$

(3) $3\frac{1}{10}$

(4) $3\frac{9}{10}$

()

11. Sue had 250 stickers at first.

Her mother gave her another 178 stickers.

How many more stickers would Sue need in order to fill up her sticker album with 1000 stickers?

(1) 428

(2) 572

(3) 750

(4) 822

()

12. Which of the following are common factors of 36 and 45?

(1) 3 and 6

(2) 3 and 9

(3) 5 and 6

(4) 6 and 9

()

13. What is the first common multiple of 6 and 8?

- (1) 12
- (2) 16
- (3) 24
- (4) 48

()

14.

Fish burger	Chicken burger
\$ 6 each	\$ 4 each

The table above shows the prices of two different burgers at a restaurant.

Mr Tan bought 45 fish burgers and some chicken burgers.

He paid a total of \$454 for all the burgers he bought.

How many chicken burgers did Mr Tan buy?

- (1) 41
- (2) 46
- (3) 66
- (4) 71

()

15. Jenny had 4 red beads and 8 purple beads at first.

She bought another 4 red beads.

What fraction of her beads was red in the end?

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

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

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

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

()

SECTION B (40 marks)

Question 16 to 35 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.

16. How many 50-cent coins make up \$ 8.50?

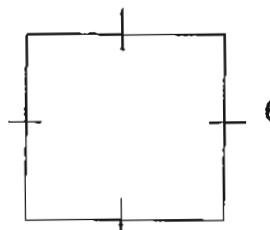
Ans: _____

17. Find the value of 907×57 .

Ans: _____

18. Area of square X is the same as the area of rectangle Y.

Find the length of rectangle Y if its breadth is 4cm.



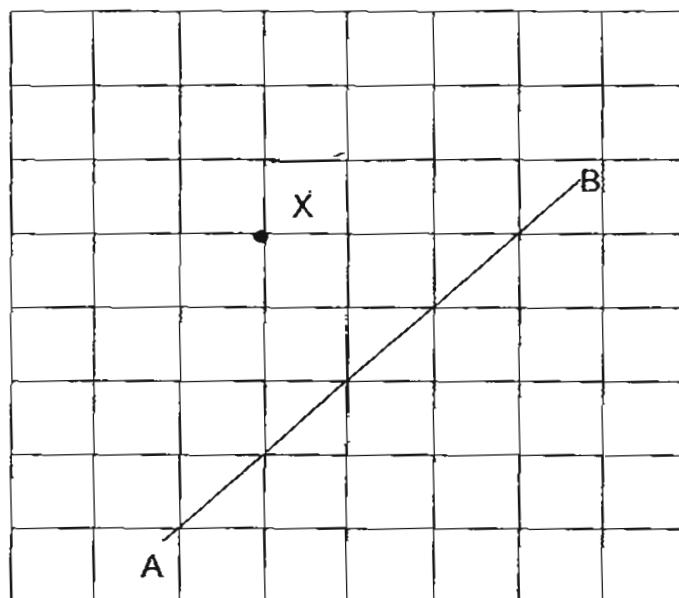
square X



rectangle Y

Ans: _____ cm

19. Draw a line parallel to the given line, AB, through the point X.



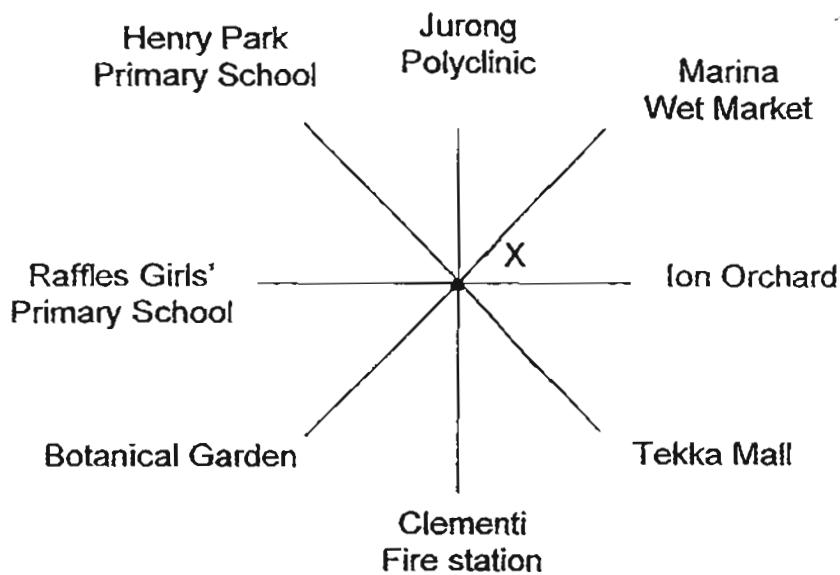
20. In the figure below, a rectangular piece of paper is folded at two of its corners A and B as shown below.



How many right angles can you see in the figure?

Ans: _____

21. Madam Theresa is standing at the point marked X in the figure below. She is facing Tekka Mall. What will she face when she turns 135° anti-clockwise?



Ans: _____

22. Arrange the following in ascending order.

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

Ans: _____

23. Mei Li had \$28. She spent $\frac{4}{7}$ of the money on toys and saved the rest.
How much did she save?

Ans: \$ _____

24. Siti used all the digits below to form two different 2-digit numbers which have the biggest possible difference. What is the difference?

6 3 2 7

$$\begin{array}{cc} \boxed{} & \boxed{} \\ - & \boxed{} \end{array}$$

Ans: _____

25. The value of 5 ten thousands, 9 tens and 2 ones is _____.

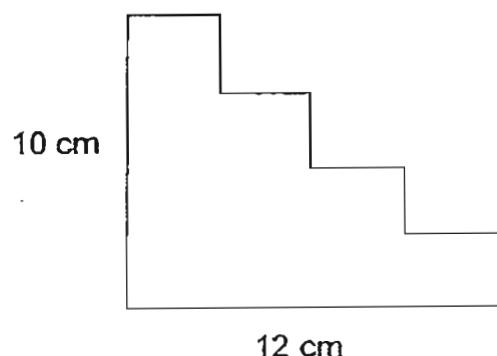
Ans: _____

26. Jennifer bought some sweets for her friends on her birthday. She packed all the sweets she had into 193 packets and had 8 sweets left.

If each packet contained 12 sweets, how many sweets did she buy?

Ans: _____

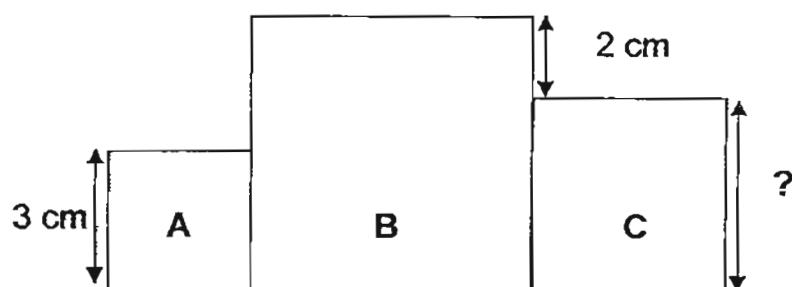
27. Find the perimeter of the figure below.



Ans: _____ cm

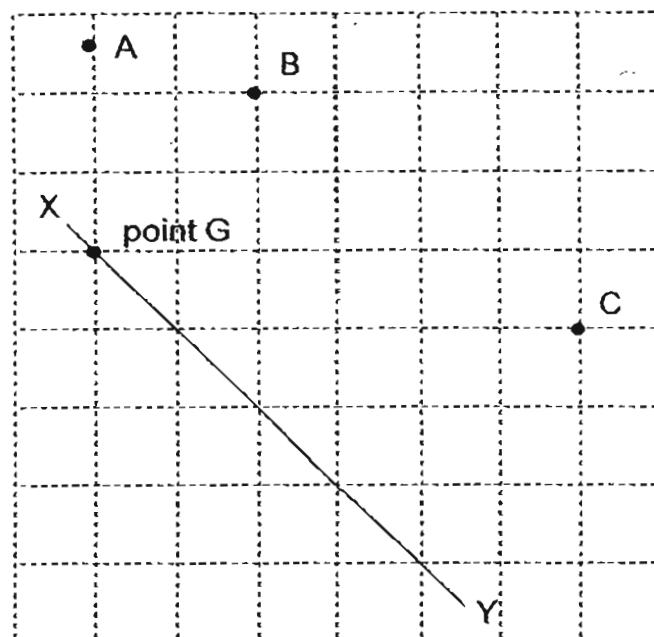
28. The diagram below is made up of three squares A, B and C. The area of square B is four times the area of square A.

Find the length of square C.



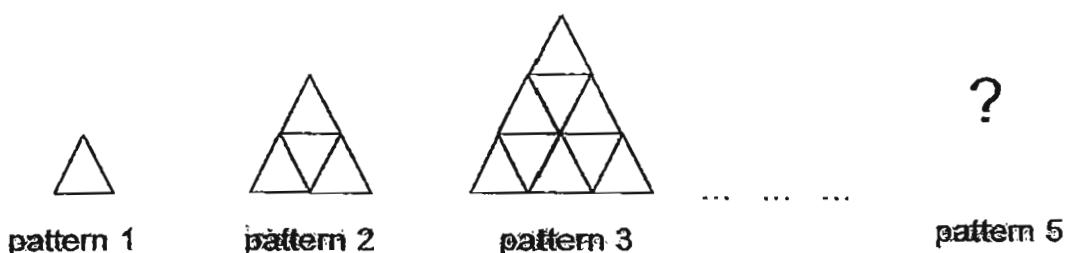
Ans: _____ cm

29. Which dot A, B or C, when joins to point G, could form a line perpendicular to line XY?



Ans: Dot _____

30. Study the pattern below. Matchsticks are used to form each pattern.



Find out the number of matchsticks needed to form pattern 5 .

Pattern	1	2	3	4	5
Number of sticks used	3	9	18	30	?

Ans: _____

31. Express $\frac{51}{9}$ as a mixed number in the simplest form.

Ans: _____

32. Find the value of $5 - \frac{5}{8} - 1\frac{1}{2}$. Leave your answer in the simplest form.

Ans: _____

33. Study the pattern below and fill in the blank.

1, 2, 5, 10, _____, 26, 37, 50

Ans: _____

34. There were 600 people in an auditorium.

$\frac{4}{5}$ of them were adults and the rest were children.

5

$\frac{3}{8}$ of the adults were men. How many women were there at the auditorium?

Ans: _____

35. If $\frac{3}{5}$ of a number is 30, what is the number?

Ans: _____

SECTION C (35 marks)

For question 36 to 44, 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. Answers in fractions must be expressed in the simplest form. 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.

36. John and Mary had 372 sweets altogether. After Mary had given 42 sweets to John, John had 3 times as many sweets as Mary. How many sweets did Mary have at first?

Ans: _____ [3]

37. Rick and Peter each save an equal sum of money each day.

Rick can save \$ 24 in 4 days.

Peter can save \$ 48 in 6 days.

(a) How much more does Peter save than Rick in 1 day?

(b) How many days will it take Peter to save \$100 more than Rick when they both start saving on the same day?

Ans: (a) _____ [2]

(b) _____ [2]

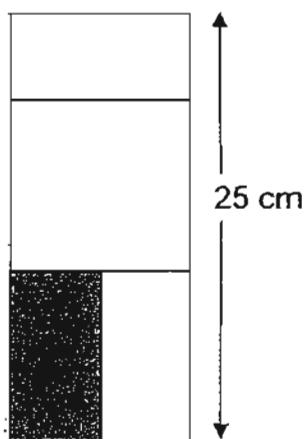
38. For every 4 beads that Minah has, Mary has 2 more beads than her. They have 60 beads altogether. How many beads does Mary have?

Ans: _____ [3]

39. Mrs Tay bought a 10-kg cake.
She ate $\frac{1}{5}$ of it and gave $3\frac{1}{2}$ kg to her friend.
How much cake had she left?

Answer: _____ [3]

40. The figure below is made up of a square and 3 identical rectangles.



- (a) Find the perimeter of the figure.
(b) Find the area of the shaded rectangle.

Ans: (a) _____ [3]

(b) _____ [1]

41. Alice bought 2 kg 50 g of meat.

Bernice bought 30 g of meat less than Alice, and Candice bought 550 g of meat more than Bernice.

How much meat did the 3 girls buy altogether?

Ans: _____ [4]

42. Joan and Marie bought some candies from The Candy Empire.
Joan bought 125 candies from the shop while Marie bought three times as many candies as Joan.
- (a) How many candies did Marie buy?
(b) How many candies must Marie give to Joan so that Joan had 50 candies less than her?

Ans: (a) _____ [1]

(b) _____ [3]

43. Mary went shopping with some money.

She spent $\frac{1}{4}$ of the money on a toaster. She also bought a skirt for \$ 76.

After that she went to a CD shop and bought 5 CDs at \$19 each.

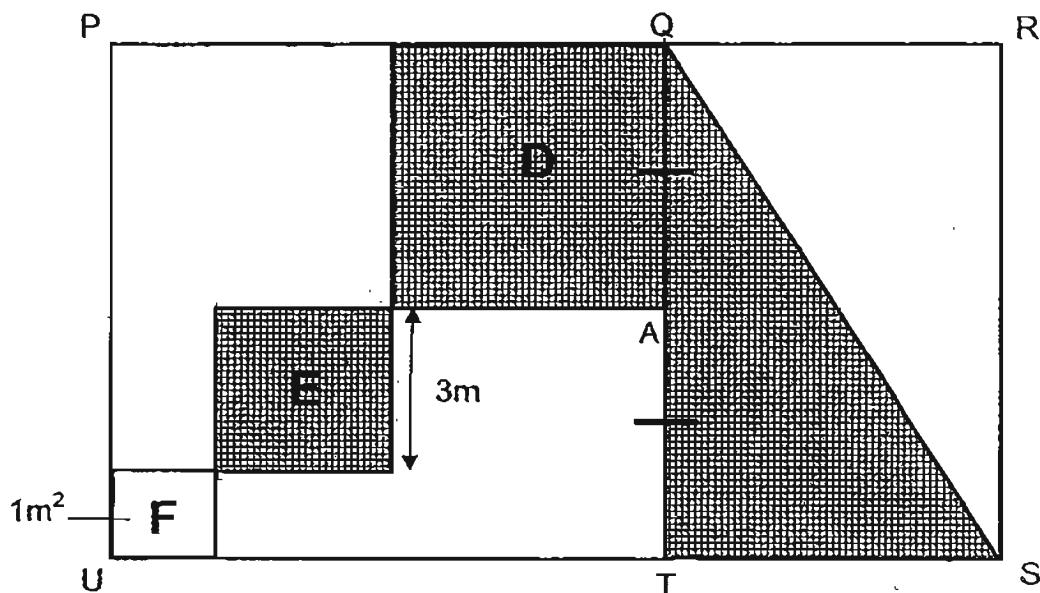
She then had \$15 left.

How much did she have at first?

Ans: _____ [5]

44. The diagram below shows a rectangle PRSU, which is made up of square PQTU and rectangle QRST.
Figure D, E and F are squares and the area of square F is 1m^2 .

The area of square D is $\frac{2}{3}$ of the shaded area in rectangle QRST and QA = AT
as shown in the figure below.



- (a) Find the area of square E.
(b) Find the total area of the unshaded parts in rectangular field PRSU.

Ans: (a) _____ [1]

(b) _____ [4]

-End of Paper-

Please check your work carefully ☺

Setters: Miss Wai Sook Har
Mr. Darren Lau

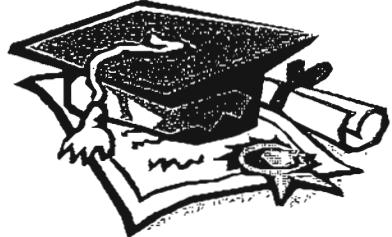


ANSWER SHEET

EXAM PAPER 2011

SCHOOL : RAFFLES GIRLS'
SUBJECT : PRIMARY 4 MATHEMATICS

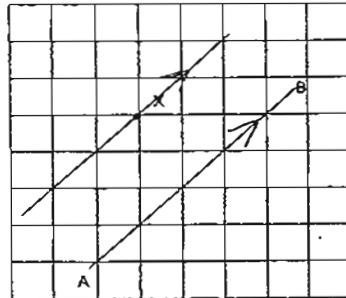
TERM : SA1



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

16) 17 17) 51699 18) 9cm

19)



20) 4 21) Jurong Polyclinic

22) $1\frac{1}{3}$, $1\frac{1}{2}$, $1\frac{3}{4}$, $1\frac{5}{6}$ 23) \$12

24) 53 25) 50092 26) 2324

27) 44cm 28) 4cm 29) B 30) 45

31) $5\frac{2}{3}$ 32) $2\frac{7}{8}$ 33) 17

34) $4/5 \times 600 = 480$

$1 - 3/8 = 5/8$

$5/8 \times 480 = 300$

35) $30 \div 3 = 10$

$5 \times 10 = 50$

36) $372 \div 4 = 93$

$93 + 42 = 135$

Mary had 135 sweets at first.

37)a) $48 \div 6 = 8$

$24 \div 4 = 6$

$8 - 6 = 2$

Peter saves \$2 more than Rick in 1 day .

b) $100 \div 2 = 50$

It takes Peter 50 days to save \$100 than Rick when they both start saving from the same day.

$$38) 4 + 2 = 6$$

$$6 + 4 = 10$$

$$60 \div 10 = 6$$

$$6 \times 6 = 36$$

Mary have 36 beads.

$$39) 1/5 \times 10 = 2$$

$$10 - 2 - 3\frac{1}{2} = 4\frac{1}{2}$$

She had $4\frac{1}{2}$ kg of cake left.

$$40)a) 25 \div 5 = 5$$

$$14 \times 5 = 70$$

The perimeter of the figure is 70cm.

$$b) 10 \times 5 = 50\text{cm}^2$$

The area of the shaded rectangle is 50cm^2

$$41) 2050 - 30 = 2020$$

$$2020 + 550 = 2570$$

$$2570 + 2020 + 2050 = 6640$$

The 3 girls bought 6kg 640g of meat altogether.

$$42)a) 125 \times 3 = 375$$

Marie bought 375 candies.

$$b) 375 - 100 = 275$$

$$125 + 100 = 225$$

$$275 - 225 = 50$$

Marie must give Joan 100candies.

$$43) 5 \times 19 = 95$$

$$76 + 95 = 171$$

$$171 + 15 = 186$$

$$186 \div 3 = 62$$

$$186 + 62 = 248$$

She had \$248 at first.

$$44)a) 3 \times 3 = 9$$

The area of square E is 9m^2

$$b) 4 \times 4 = 16$$

$$16 \div 2 = 8$$

$$8 \times 3 = 24$$

$$48 \div 8 = 6$$

$$14 \times 8 = 112$$

$$9 + 16 + 24 = 49$$

$$112 - 49 = 63$$

The total area of the unshaded parts is 63m^2