



# RAFFLES GIRLS' PRIMARY SCHOOL

## SEMESTRAL ASSESSMENT (2) 2015

<b>Your Score</b> Out of 100 marks	
Parent's Signature	

Name: \_\_\_\_\_ ( ) Class: P2 \_\_\_\_\_

**29 Oct 2015 MATHEMATICS ATT: 1h 30min**

### Section A: (13 x 2 marks)

Choose the correct answer and write its number in the bracket provided.

1. Nine hundred and nine is the same as \_\_\_\_\_.

(1) 909

(3) 990

(2) 919

(4) 999

( )

2. Jean eats 3 eggs a week.

Which number equation shows the number of weeks she takes to eat 27 eggs?

(1)  $3 \times 9 = 27$

(3)  $27 \div 9 = 3$

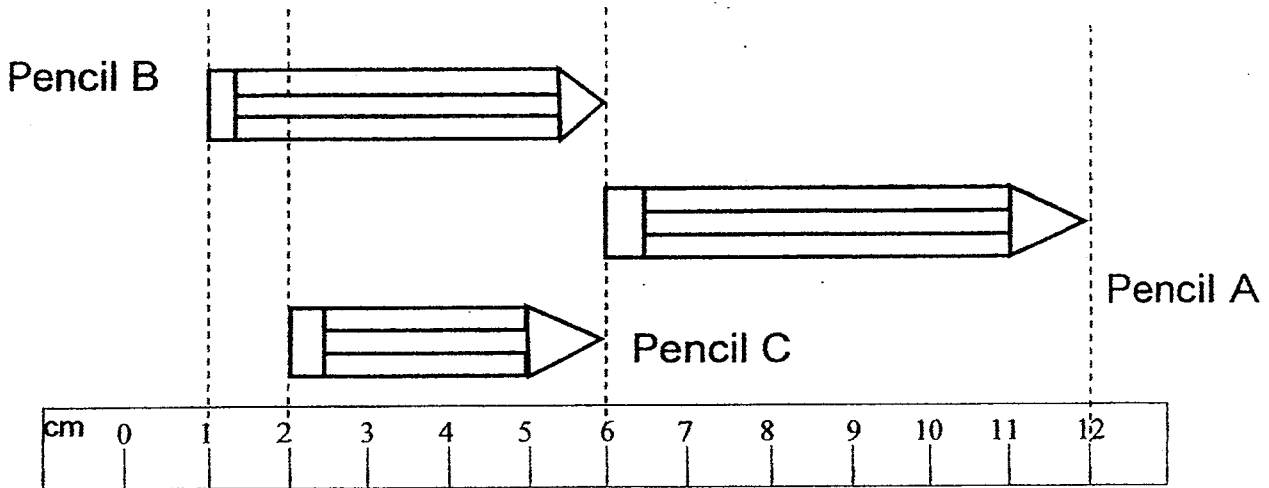
(2)  $27 - 3 = 24$

(4)  $27 \div 3 = 9$

( )



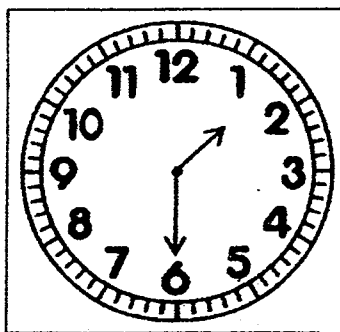
3. Look at the pictures below. Which statement is correct?



- (1) Pencil A is 2 cm shorter than Pencil C.
- (2) Pencil B is 2 cm shorter than Pencil C.
- (3) Pencil A is 1 cm longer than Pencil C.
- (4) Pencil B is 1 cm longer than Pencil C.

( )

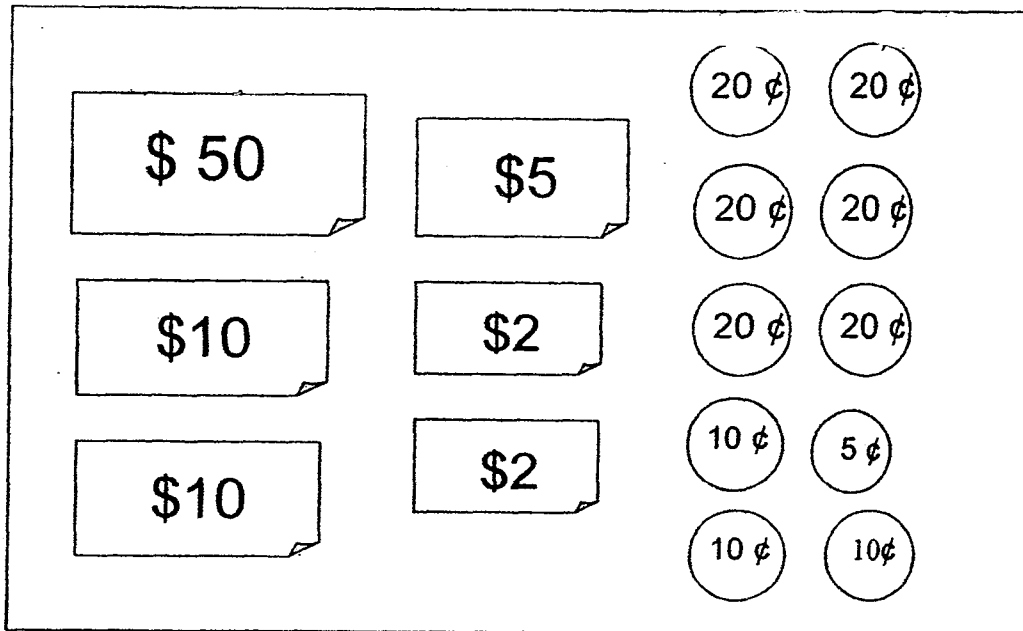
4. The clock below shows the time Karen went for her swimming class in the afternoon. She went for her class at \_\_\_\_\_.



- (1) 1.06 p.m.
- (2) 1.30 p.m.
- (3) 2.30 p.m.
- (4) 6.07 p.m.

( )

5. The total amount of money shown below is \_\_\_\_\_.



(1) \$65.50

(3) \$79.55

(2) \$69.50

(4) \$80.55

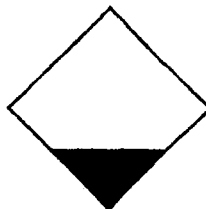
( )

6. Which figure below shows that  $\frac{1}{4}$  of its shape is shaded?

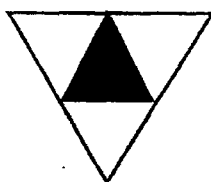
(1)



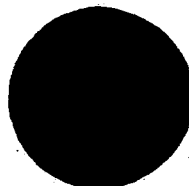
(3)



(2)

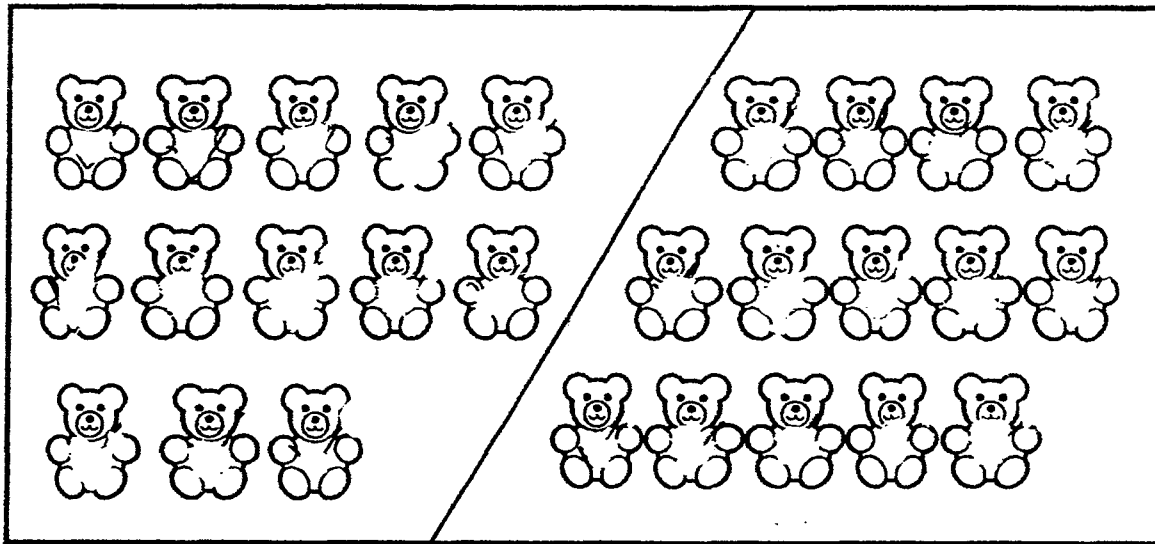


(4)



( )

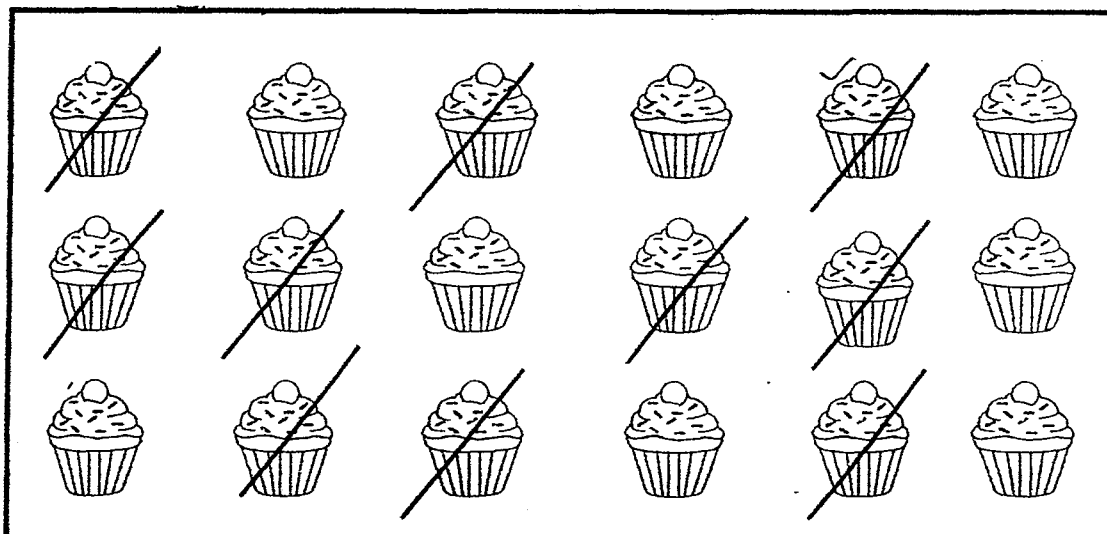
7. Which of the following shows the correct **addition** equation for the picture below?



- (1)  $5 + 8 = 13$                       (3)  $12 + 14 = 26$   
 (2)  $10 + 4 = 14$                     (4)  $13 + 14 = 27$

(      )

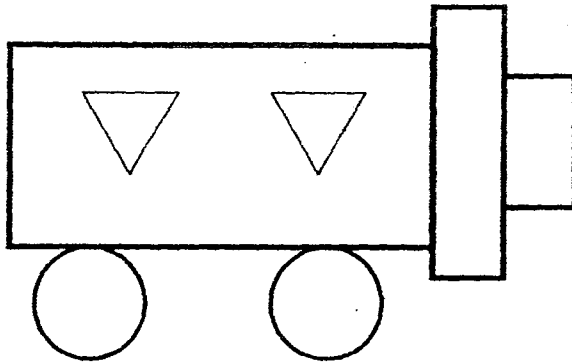
8. Which of the following shows the correct **subtraction** equation for the picture below?



- (1)  $18 - 9 = 9$                       (3)  $10 - 7 = 3$   
 (2)  $10 - 8 = 2$                       (4)  $18 - 10 = 8$

(      )

9. What are the shapes found in the picture below?



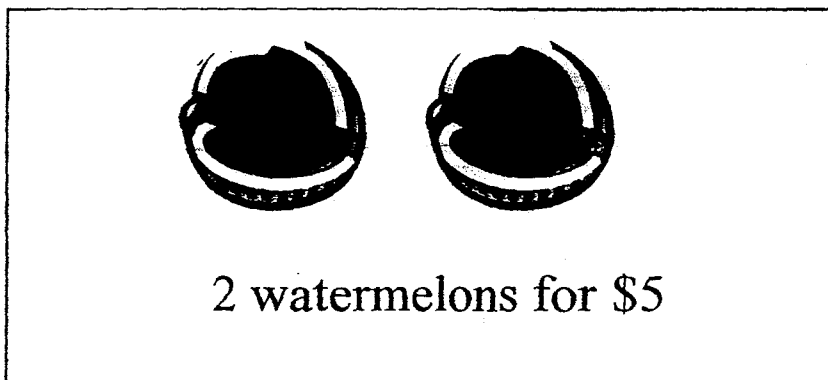
- (1) squares and circles
- (2) rectangles and circles
- (3) squares, circles and triangles
- (4) rectangles, circles and triangles

( )

10. Watermelons were on sale at a supermarket.

Mrs Lee bought 6 of them.

How much did she pay in all?



- (1) \$10
- (2) \$15
- (3) \$18
- (4) \$30

( )

11. What is the missing number in the box?

$$\boxed{\phantom{00}} \times 2 = 40 \div 5 = 8$$

(1) 8

(3) 6

(2) 2

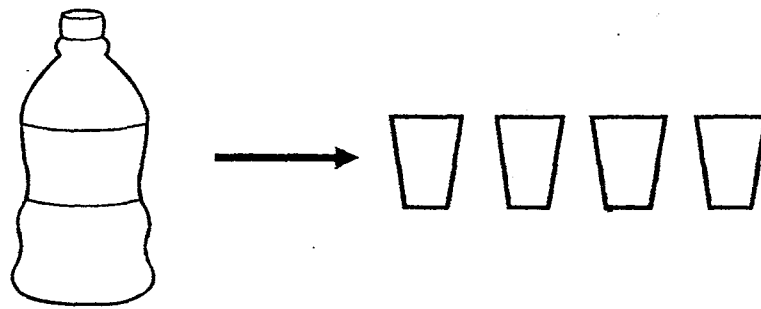
(4) 4

( )

12. A bottle can fill up 4 glasses.

Fiona has 2 such bottles.

How many **more** bottles does she need to fill up 16 glasses?



(1) 6

(3) 8

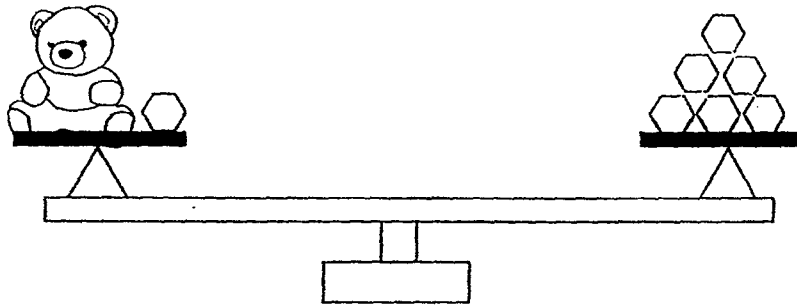
(2) 2

(4) 4

( )

13. Each  represents 3 kg.

The mass of the bear is \_\_\_\_\_ kg.



(1) 6

(3) 15

(2) 7

(4) 18

( )

**Section B: (28 x 2 marks)**

**Work out these questions carefully and write their answers in the boxes or blanks provided. Show all working.**

14.

is 10 less than 857.

15.

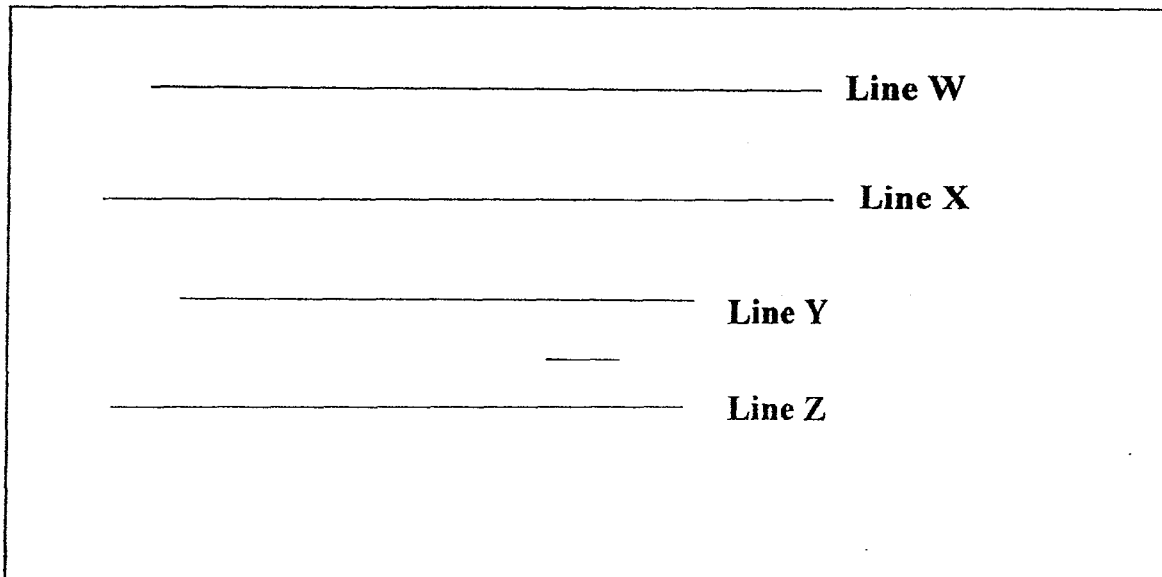
$$\begin{array}{r} 748 \\ + 252 \\ \hline \\ \hline \end{array}$$



16.

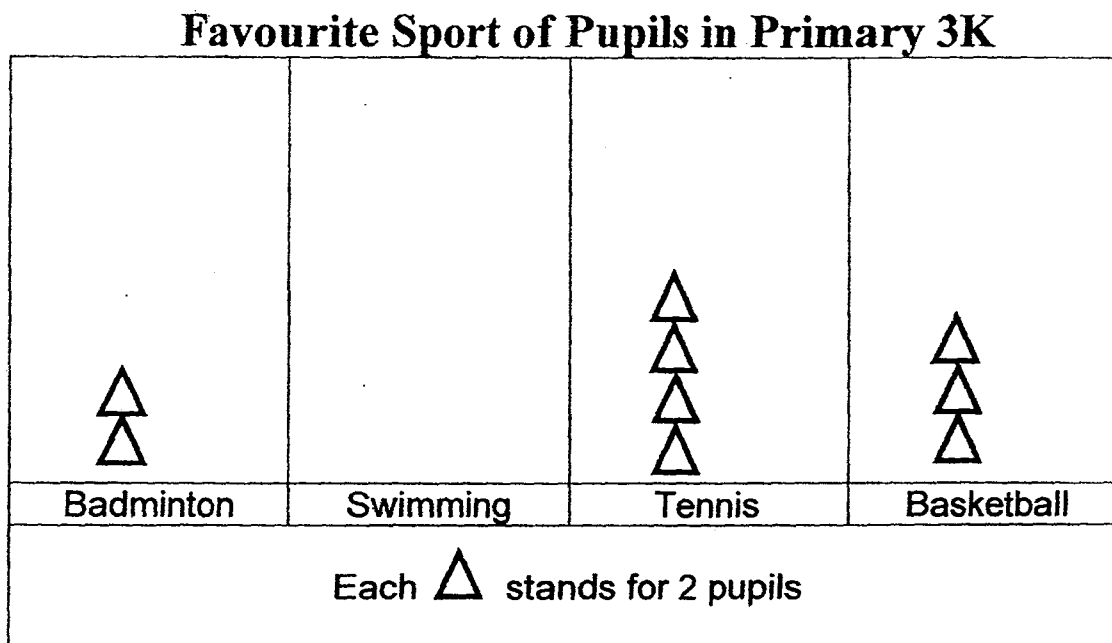
$$\begin{array}{r} 900 \\ - 763 \\ \hline \\ \hline \end{array}$$


17. Measure the lines below. Which line is 1cm **shorter** than Line W?



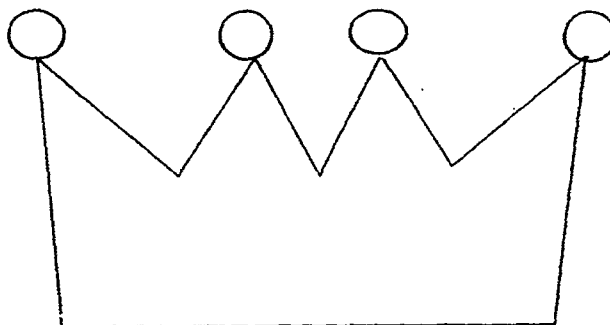
Line

18. The picture graph below shows the favourite sport of pupils in Primary 3K.



If there are 28 pupils in Primary 3K, how many  should you draw in the swimming column?

19. How many **curves** and **straight** lines are there in the figure below?



There are

curves and

straight lines

20. Look at the objects below.

Complete the table by filling in the correct numbers.

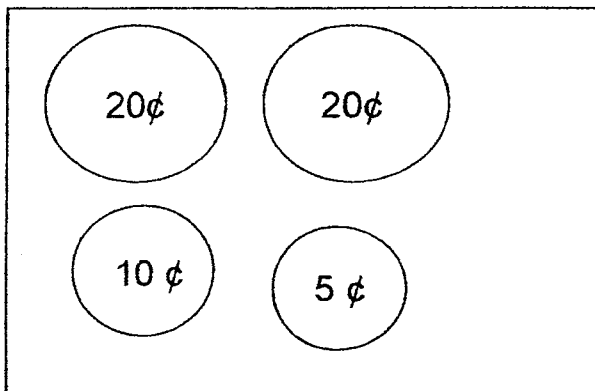


Football

Object	No. of flat surfaces
Football	
Box of chocolates	

21. Jane has the amount below.

How much **more** money does she need to make \$1?



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 ¢

22. Arrange the set of fractions below in order. Begin with the **smallest**.

$$\frac{1}{4} , \frac{1}{7} , \frac{1}{12} , \frac{1}{9}$$

Smallest

23. 658 is 6 hundreds more than

24. Fill in the missing number.

$$\begin{array}{r} 5 \quad \boxed{\phantom{00}} \quad 9 \\ + \quad 2 \quad 5 \quad 6 \\ \hline 8 \quad 4 \quad 5 \\ \hline \end{array}$$

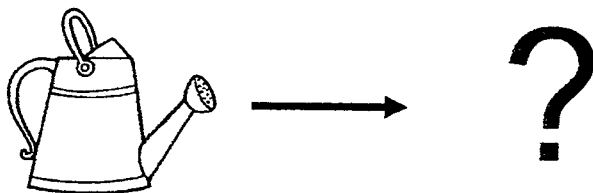
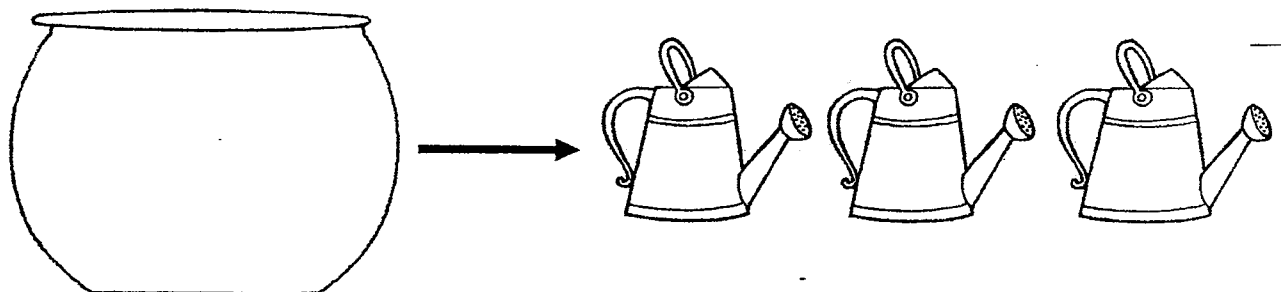
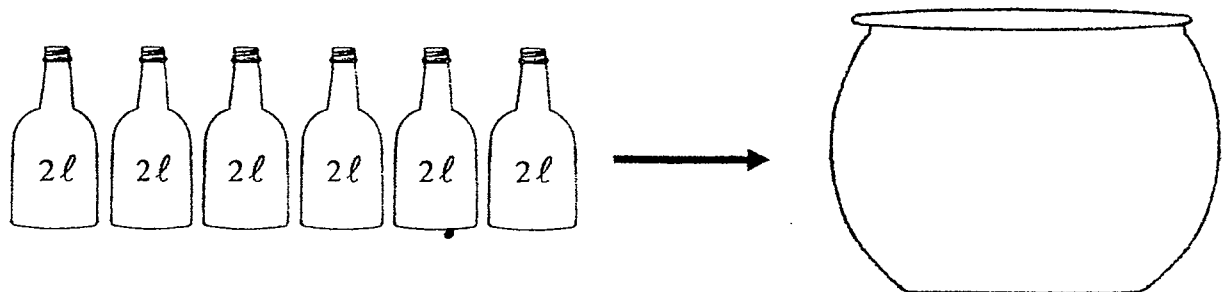
25.  $174 - \boxed{\phantom{000}} = 78$

26. I am thinking of a number.

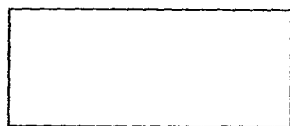
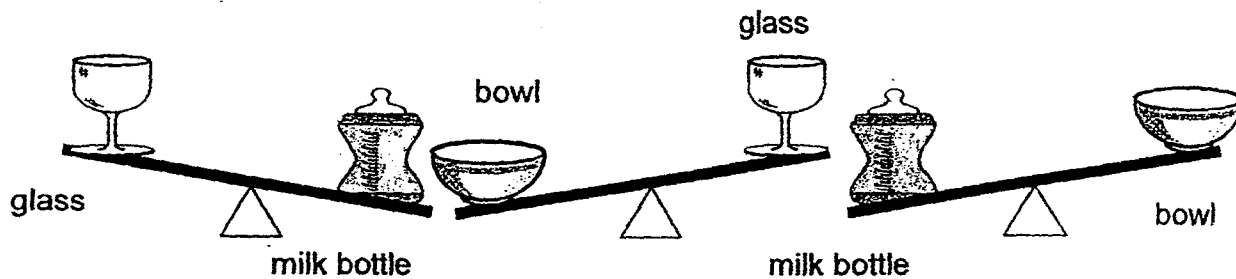
When I divide the number by 2, the answer is 9.

What number do I get if I divide this number by 3?

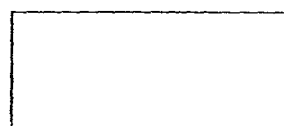
27. Find the volume of **one** watering can.

 l

28. Look at the pictures below. Arrange the items from the heaviest to the lightest.



**Heaviest**

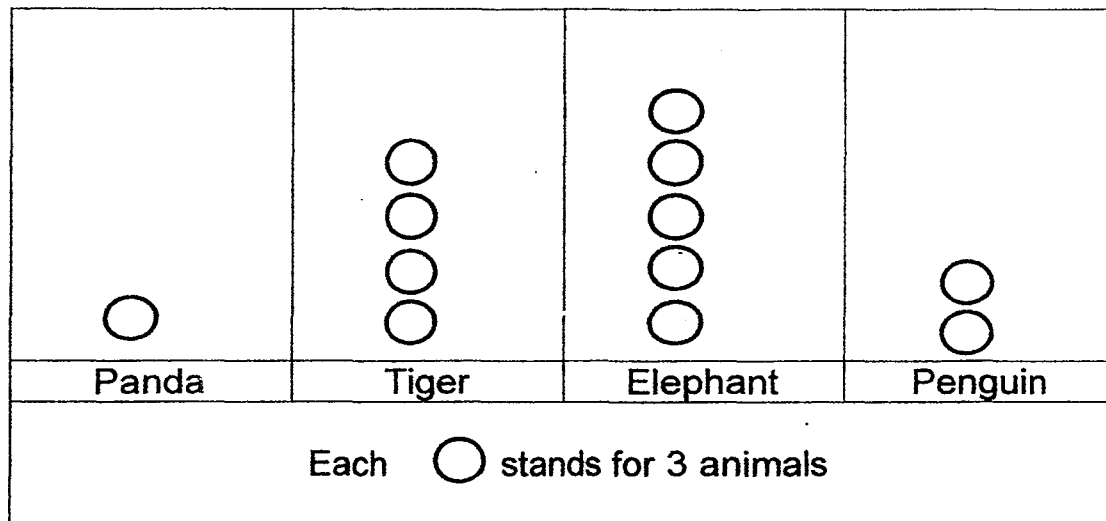


29. John took 45 min to do his homework.  
He finished his homework at 7.00 p.m..  
At what time did he start doing his homework?



The picture graph below shows the number of each type of animals at the zoo. Use the picture graph below to answer question 30 and 31.

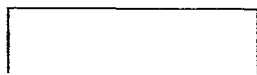
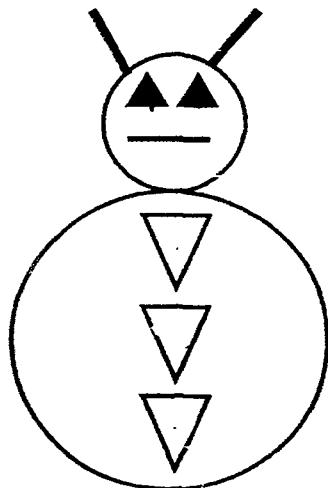
**Animals at the Zoo**



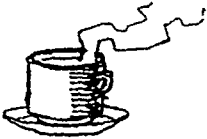



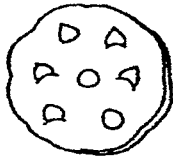
30. There are  tigers in the zoo.

31. There are  more elephants than penguins.

32. Look at the figure below.



33. Look at the menu below.

Ben & Jerry Cafe				
				
Coffee or Tea	Soft drink	Cake	Ice cream	Pie
\$1.00	\$2.00	\$4.00	\$3.00	\$5.00

- a) Lina bought a cup of tea, an ice cream and a pie.  
How much did she pay in all?

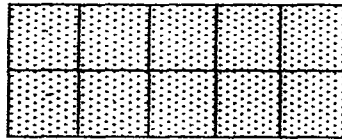
\$

- b) Lina paid for 2 slices of cake using a ten-dollar note, how much  
**change** did she receive?

\$



34. Ally is given a bar of chocolate as shown below.  
She eats 3 pieces and gives 2 pieces to her friend Shanti.  
What fraction of the chocolate has she left?



35. Fill in the missing number.

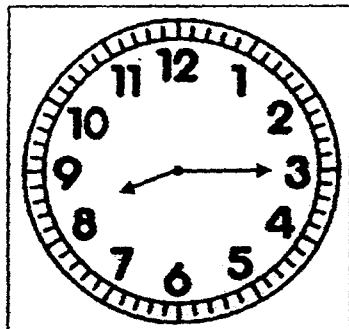
$$5 \times 10 = \boxed{\phantom{000}} \text{ tens more than } 8 + 2.$$

36. Raj collected 82 stamps. He collected 73 fewer stamps than Derrick.  
How many did they collect altogether?

37. A customer is given 5 cookies free for every 10 cakes bought at a bakery. Mrs Neo received 45 free cookies, how many cakes did she buy?

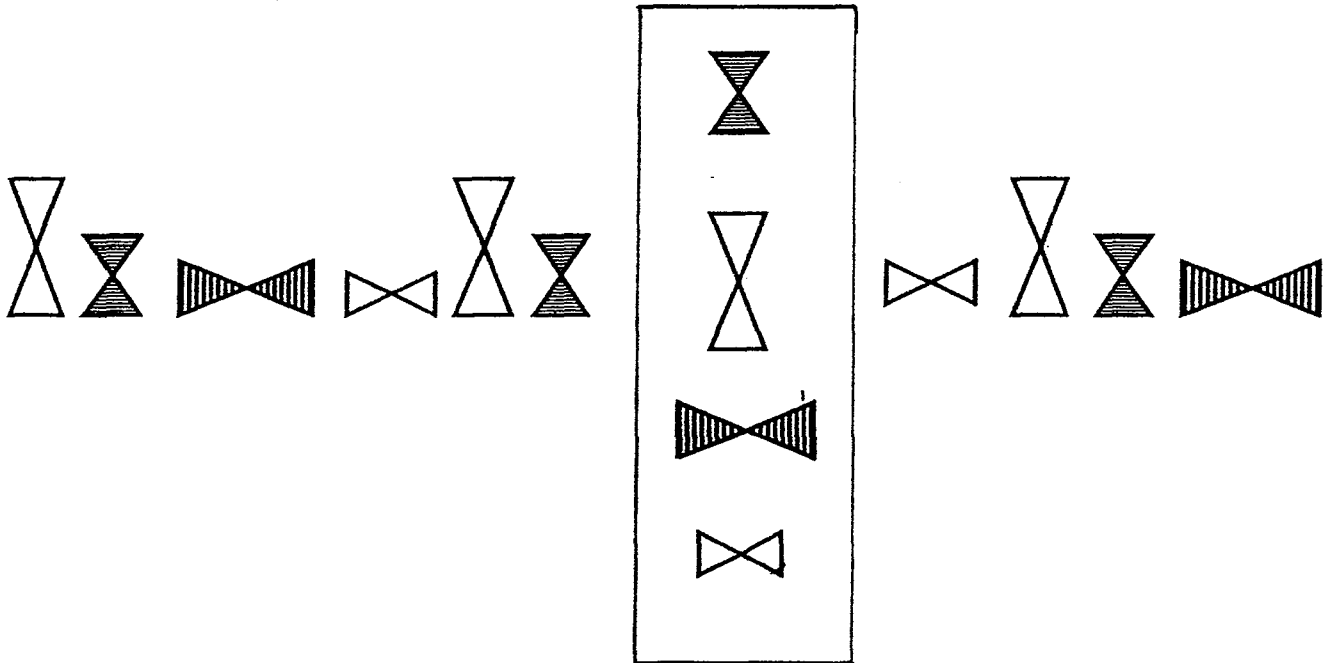
38. When 3 children shared a packet of sweets equally, each of them got 10 sweets. If the same packet of sweets was shared by 3 more children equally, how many sweets did each child get?

39. Mary is having her breakfast at the time shown below.  
Write the correct answer in the box provided.



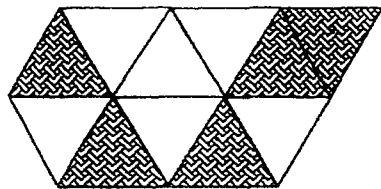
40. Look at the pattern.

Circle the correct object in the box to complete the pattern.



41. Siti is given the figure below. How many **more** triangles must be

shaded to show  $\frac{9}{11}$ ?



**Section C: (6 x 3 =18 marks)**

**Show all number equations and working clearly in the space provided.**

42. Sandy had 125 muffins.

She gave 45 muffins to Joan and baked another 73 muffins.

How many muffins did Sandy have in the end?

Working

She had \_\_\_\_\_ muffins in the end.

43. Rui En had 5 stickers.

Meimei had 4 times as many stickers as Rui En.

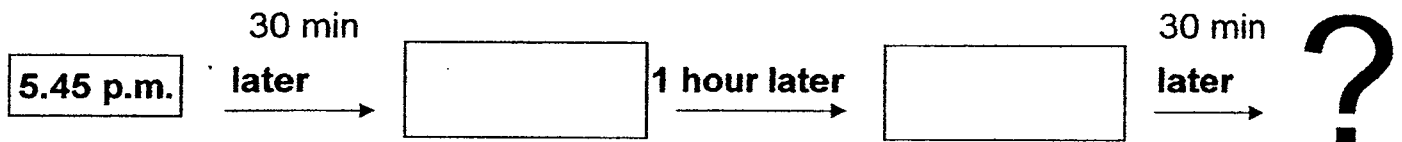
How many stickers did they have altogether?

Working

They had \_\_\_\_\_ stickers altogether.

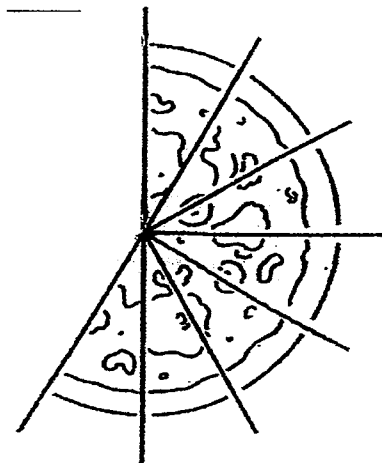
44. Shanti started walking to the park at 5.45 p.m.  
She took 30 minutes to reach the park.  
Then, she cycled for 1 hour at the park.  
She took 30 minutes to reach home.

(Hint: Fill in the time-line below to work out your answer.)



She reached home at \_\_\_\_\_

45. A pizza is cut into 12 equal slices.  
Andrew eats a few slices and has 7 slices left.



Andrew eats \_\_\_\_\_ slices of the pizza.

The fraction of the pizza eaten by Andrew is \_\_\_\_\_

The fraction of the pizza left is \_\_\_\_\_

46. Kelly bought 220g of flour on Thursday.  
She bought another 425g of flour on Friday.  
She used 379g of flour to bake a cake.  
How much flour had she left?

Working

She had \_\_\_\_\_ g of flour left.

47. 5 melons and 3 mangoes cost \$53.  
3 mangoes cost \$18.  
Find the cost of 1 melon.

Working

1 melon costs \$ \_\_\_\_\_

----- The End -----

Setters: Miss Elaine Mok, Ms Joyce Tiang & Mrs Clara Tang

Please check your work carefully.

**EXAM PAPER 2015****LEVEL : PRIMARY 2****SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL****SUBJECT : MATHEMATICS****TERM : SA2**

Q 1	Q 2	Q 3	Q 4	Q 5	Q 6	Q 7	Q 8	Q 9	Q 10
1	4	4	2	4	2	4	4	4	2
Q 11	Q 12	Q 13							
4	2	3							

Q14. 847    Q15. 1000    Q16. 137    Q17. Line Z

Q18.  $5 \rightarrow 4+8+6=18, 28-18=10, 10 \div 2=5$ 

Q19. There are 4 curves and 9 straight lines.

Q20. 0 Football,    6 Box of chocolates

Q21.  $45\text{¢} \rightarrow 20\text{¢}+20\text{¢}+10\text{¢}+5\text{¢}=55\text{¢}, 100\text{¢}-45\text{¢}=45$ Q22.  $\frac{1}{12}$  (smallest),  $\frac{1}{9}, \frac{1}{7}, \frac{1}{4}$ 

Q23. 58

Q24. 8

Q25. 96

Q26. 6

Q27.  $4\text{L} \rightarrow 2\text{L} \times 6=12\text{L}, 12\text{L} \div 3=4\text{L}$ 

Q28. milk bottle (heaviest), bowl, glass

Q29.  $6.15\text{ pm} \rightarrow 7-0.45\text{min}=6.15\text{pm}$ 

Q30. There are 12 tigers in the zoo.

Q31. There are 9 more elephants than penguins.  $\rightarrow 15-6=9$ Q32. There are 3 more triangles than circles.  $\rightarrow 5\text{ triangles}-2\text{ circles}=3$ Q33. a)  $\$9 \rightarrow \$1+\$3+\$5=\$9$     b)  $\$2 \rightarrow \$4 \times 2=\$8, \$10-\$8=\$2$ Q34.  $\frac{5}{10}$ Q35.  $5 \times 10 = 4\text{ tens more than } 8+2$ Q36.  $237 \rightarrow 82+73=155, 82+155=237$

Q37:  $90 \rightarrow 45 \div 5 = 9, 9 \times 10 = 90$

Q38.  $5 \rightarrow 3 \times 10 = 30, 3 + 3 = 6, 30 \div 6 = 5$

Q39. 8.15am

Q40.



Q41.  $4 \rightarrow 9 - 5 = 4$

Q42. She had 153 muffins in the end.  $\rightarrow 125 - 45 = 80, 80 + 73 = 153$

Q43. They had 25 stickers altogether.  $\rightarrow 4 \times 5 = 20, 20 + 5 = 25$

Q44. She reached home at 7.45 pm.

$5.45 \text{ pm} \rightarrow 6.15 \text{ pm} \rightarrow 7.15 \text{ pm} \rightarrow 7.45 \text{ pm}$

Q45. Andrew eats 5 slices of the pizza.

The fraction of the pizza eaten by Andrew is  $\frac{5}{12}$ .

The fraction of the pizza left is  $\frac{7}{12}$ .

Q46. She had 266g of flour left.  $\rightarrow 220 + 425 = 645, 645 - 379 = 266$

Q47. 1 melon cost \$7.  $\rightarrow \$53 - \$18 = \$35, \$35 \div 5 = \$7$

**THE END**