



RED SWASTIKA SCHOOL

# RED SWASTIKA SCHOOL

## 2010 SEMESTRAL ASSESSMENT 2

### MATHEMATICS

Name \_\_\_\_\_ ( )

Class : Primary 2 .

Date : 26 October 2010

45 Questions

100 Marks

Duration of Paper : 1 hour 30 minutes

Note:

In this paper, you should have the following:

(a) Page 1 to Page 17

(b) Questions 1 to 45

Parent's Signature : \_\_\_\_\_

**Section A: 40 marks (2 marks each)**

**Choose the correct answer and write its number in the brackets provided.**

1 What is the **value** of the digit 4 in 314?

- (1) 400
- (2) 40
- (3) 14
- (4) 4

( )

2 What is the missing number in the box?

$$756 = \boxed{\phantom{000}} + 48 \text{ tens } 6 \text{ ones}$$

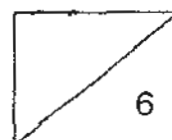
- (1) 270
- (2) 486
- (3) 702
- (4) 810

( )

3 Which number is **larger** than 8 hundreds 9 tens 8 ones but **smaller** than 80 tens + 100?

- (1) 998
- (2) 899
- (3) 898
- (4) 888

( )



4 6 groups of 3 is the same as \_\_\_\_\_.

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

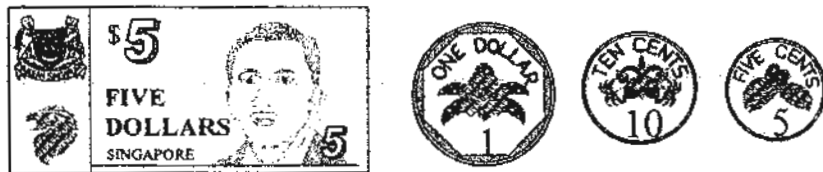
5 A taxi can carry 4 passengers. How many taxis are needed to carry 8 passengers?

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

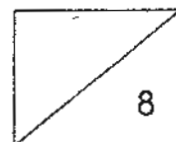
6 Mrs Fisher bought a cake for \$28. She also bought a pie for \$17. How much did she spend altogether?

- (1) \$11
- (2) \$31
- (3) \$45
- (4) \$56 ( )

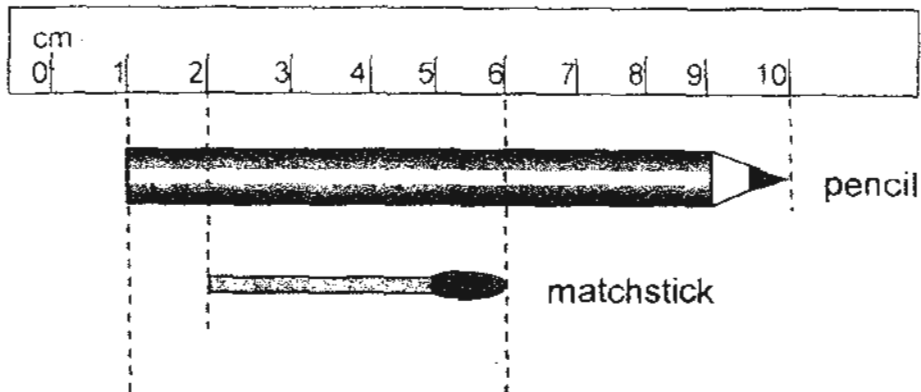
7 How much money is shown below?



- (1) \$5.16
- (2) \$6.15
- (3) \$6.16
- (4) \$7.05 ( )



Study the picture carefully and answer Questions 8 and 9.



8 The pencil is \_\_\_\_\_ cm.

- (1) 9
- (2) 10
- (3) 11
- (4) 12

( )

9 The matchstick is \_\_\_\_\_ cm **shorter** than the pencil.

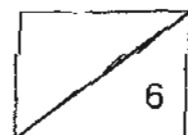
- (1) 16
- (2) 10
- (3) 5
- (4) 4

( )

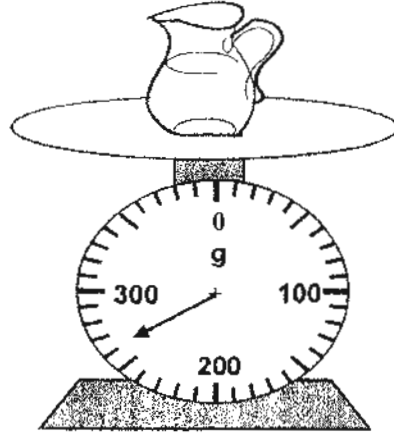
10 I am a three digit number. The digit in my **ones** place is thrice the digit in my **tens** place. The digit in my **hundreds** place is 1 more than the digit in my **ones** place. If the digit in my **ones** place is 3, what number am I?

- (1) 213
- (2) 293
- (3) 413
- (4) 493

( )



- 11 What is the mass of the jug?



- (1) 210 g  
(2) 250 g  
(3) 260 g  
(4) 270 g

( )

- 12 Mrs Lim divided a mooncake into 9 **equal** pieces.

Jane ate  $\frac{2}{9}$  and Mathew ate  $\frac{7}{9}$  of the mooncake. What fraction of the mooncake was eaten by Jane and Mathew?

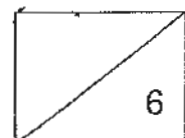
- (1)  $\frac{2}{9}$   
(2)  $\frac{5}{9}$   
(3)  $\frac{7}{9}$   
(4)  $\frac{9}{9}$

( )

- 13 A television show started at 10.40 a.m.  
It ended 2 hours **later**. What time did it end?

- (1) 8.40 a.m.  
(2) 11.40 a.m.  
(3) 12.40 a.m.  
(4) 12.40 p.m.

( )



- 14 Susan cuts a pizza **equally** into 8 slices. She eats 2 slices of the pizza. What fraction of the pizza is left?

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

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

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

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

( )

- 15 The time shown on the clock is \_\_\_\_\_.



(1) 5.55 a.m.

(2) 11.05 a.m.

(3) 11.25 a.m.

(4) 12.25 a.m.

( )

- 16 Which fraction is the **smallest**?

(1)  $\frac{1}{7}$

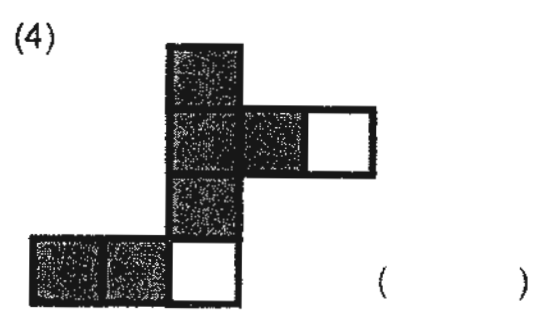
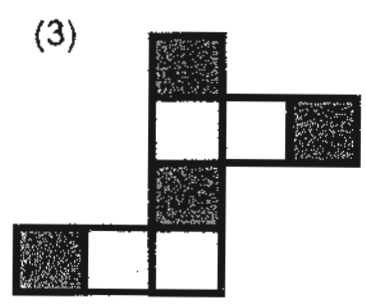
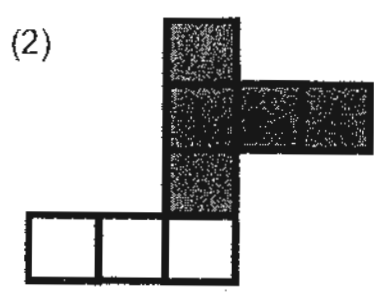
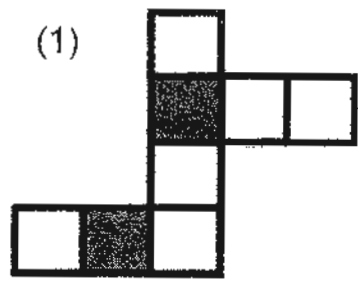
(2)  $\frac{1}{2}$

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

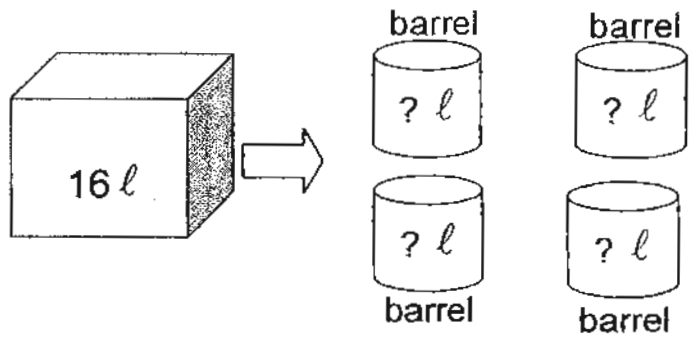
(4)  $\frac{1}{5}$

( )

17 Which figure shows  $\frac{1}{2}$  of it shaded?



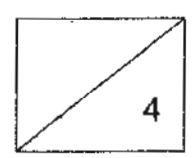
18



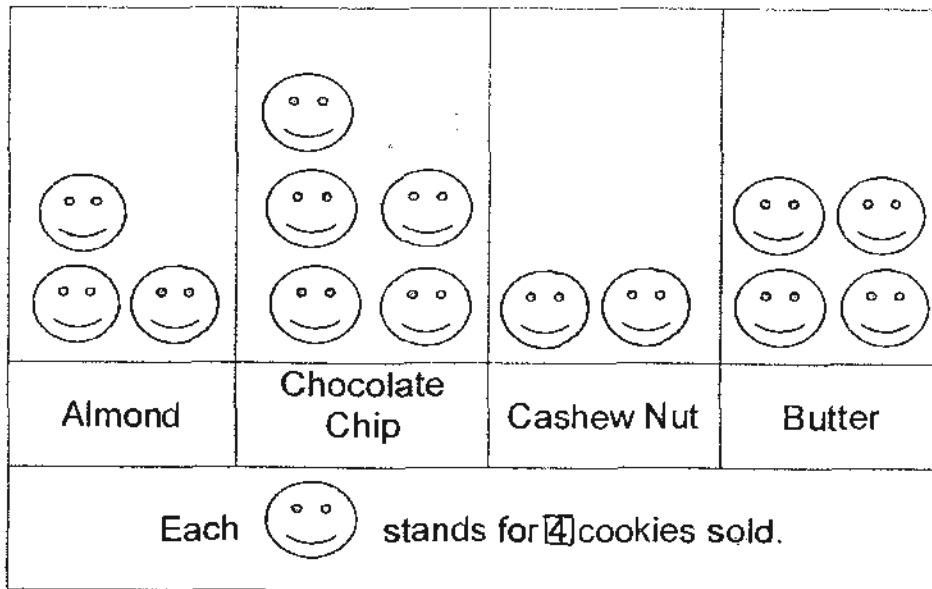
Susie is planning to pour 16 l of water into 4 barrels equally. Each barrel can contain \_\_\_\_\_ litres of water.

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

( )



The picture graph shows the different types of cookies sold in a shop.

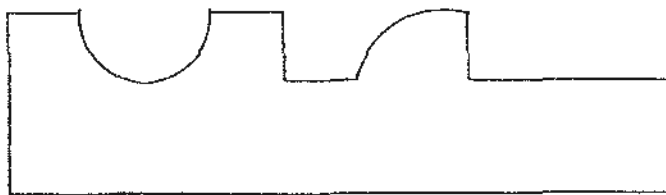


19 \_\_\_\_\_ more chocolate chip cookies than almond cookies were sold.

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

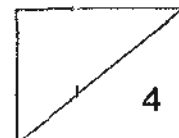
( )

20 How many **straight** lines are there in the figure?



- (1) 11
- (2) 9
- (3) 6
- (4) 4

( )



**Section B: 40 marks (2 marks each)**

**Work out the following sums and write the answers in the spaces provided.**

21 What is the difference between 800 and 325?

Ans: \_\_\_\_\_

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22 The sum of three numbers is 899. If the first two numbers are 468 and 123, what is the third number?

Ans: \_\_\_\_\_

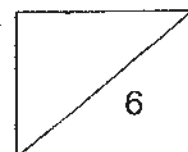
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23 The numbers 1 to 28 were written on a piece of paper. They were arranged in four rows: A, B, C and D. The piece of paper was torn and only one part of it was left. Which row was the number 24 in?

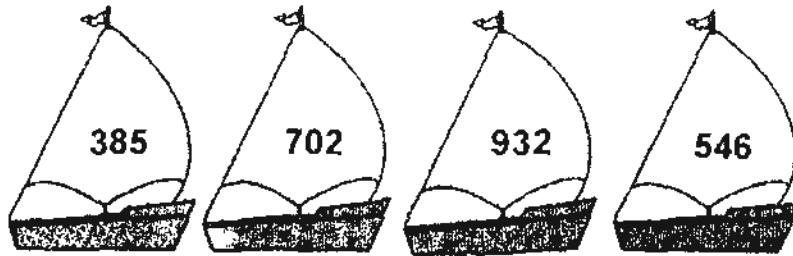
A	1	5	9	13	17
B	2	6	10	14	
C	3	7	11	15	
D	4	8			

Ans: \_\_\_\_\_

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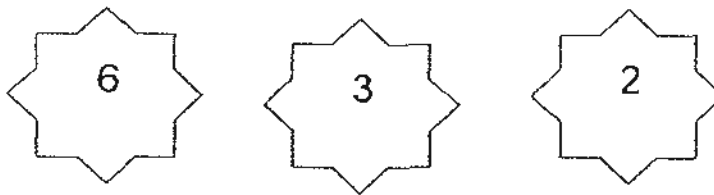


24 Arrange these numbers in order. Begin with the **greatest**.



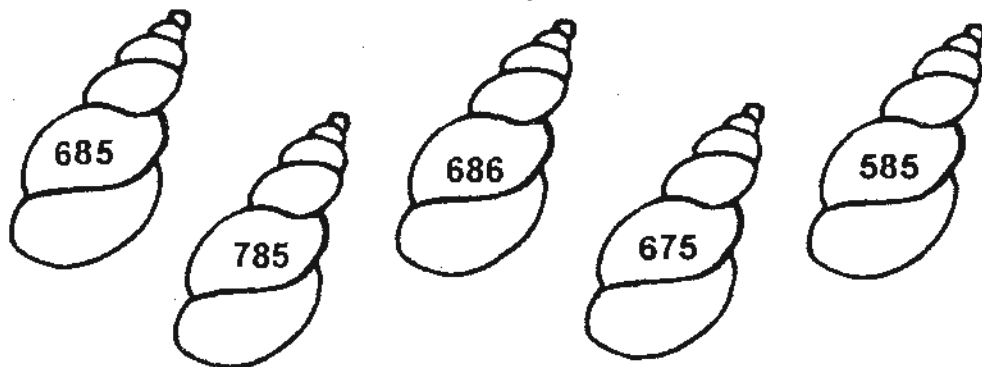
\_\_\_\_\_ greatest \_\_\_\_\_ smallest \_\_\_\_\_

25 Use the digits below to make the **smallest 3-digit** number.

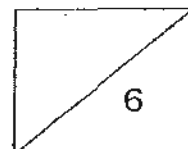


Ans: \_\_\_\_\_

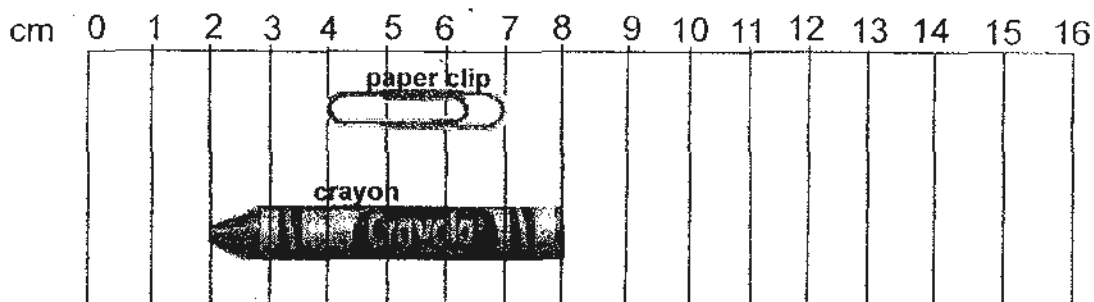
26 Look at the numbers carefully and fill in the blanks.



\_\_\_\_\_ is 10 more than \_\_\_\_\_



Study the figure below carefully and answer Question 27.



27 How much **shorter** is the paper clip than the crayon?

Ans: \_\_\_\_\_ cm

28 Faith went to the market and bought some rambutans. Write a **multiplication** sentence to show how many rambutans she bought.



$$\square \times \square = \square$$

29 Cross out 2 cards which have the **same** value.

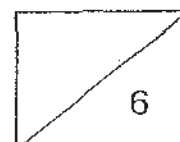
$$10 \div 2$$

$$1 \times 10$$

$$2 \times 10$$

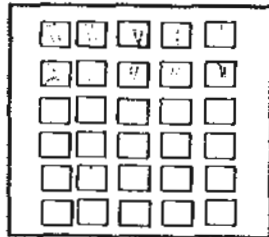
$$5 \times 2$$

$$10 \div 5$$

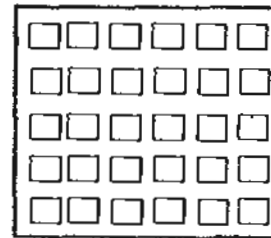


- 30 Miss Goi is thinking of the seating arrangement for her class. There are 30 pupils in her class and 10 are girls. If she wants **each** group to have the same number of girls, should she choose Seating Arrangement A or B?

Seating Arrangement A  
(5 groups of 6)



Seating Arrangement B  
(6 groups of 5)



Ans: \_\_\_\_\_

- 31 Tom has \$10.  
Which item would give him the most **savings**?



Item A  
\$ 7.10



Item B  
\$ 6.50



Item C  
\$ 9.60

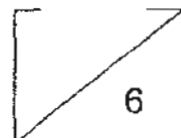


Item D  
\$ 6.95

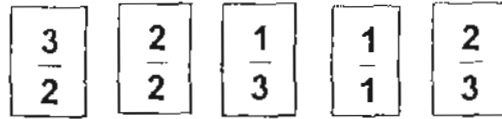
Ans: \_\_\_\_\_

- 32 1 whole - \_\_\_\_\_ sixths =  $\frac{1}{6}$

Ans: \_\_\_\_\_



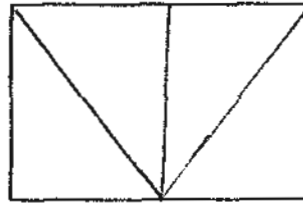
33 Which pair of fractions **adds** up to a whole?



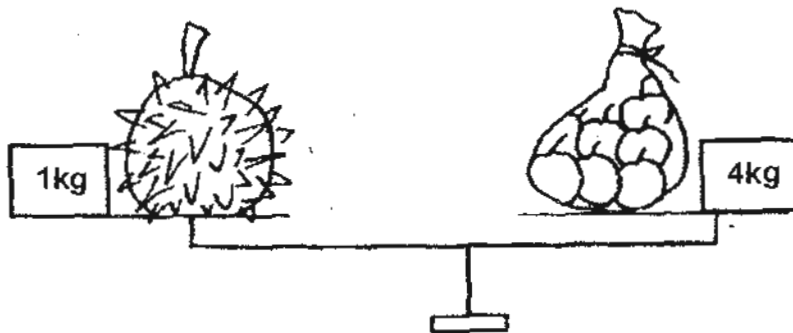
Ans: \_\_\_\_\_ and \_\_\_\_\_

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34 Complete the diagram below to show how it can be divided into 4 equal parts.



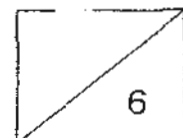
Study the figure below carefully and answer Question 35.



35 How much **heavier** is the durian than the bag of apples?

Ans: \_\_\_\_\_ kg

---



- 36 Study the clock face.  
Can you tell what time it is?



Ans: \_\_\_\_\_ p.m.

The picture graph below shows the types of pets sold in a pet shop.  
Use it to answer Questions 37 and 38.

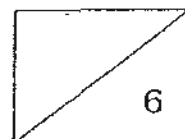
	Types of Pets					
Rabbit						
Dog						
Cat						
Bird						
Fish						
Each	represents 3 animals.					

- 37 What is the **total** number of dogs and birds sold?

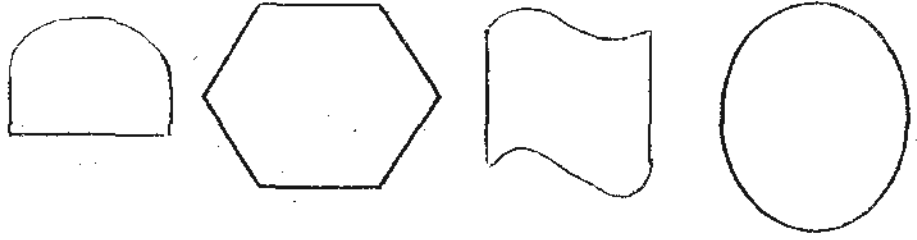
Ans: \_\_\_\_\_

- 38 How many more rabbits than cats are sold?

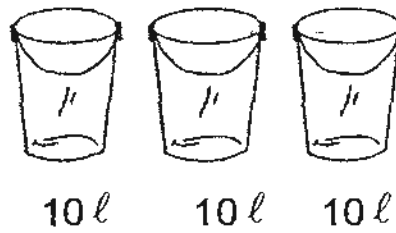
Ans: \_\_\_\_\_



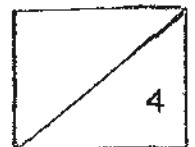
- 39 Shade 2 figures which have both curved and straight lines.



- 40 Mr Lim uses the pails filled with water shown below to wash his car. Each pail can hold 10 litres of water. How many litres of water does he use altogether per week if he washes his car twice a week?



Ans: \_\_\_\_\_ litres

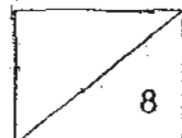


**Section C : 20 marks (4 marks each)**

**Do the following sums. Show your workings and statements clearly.**

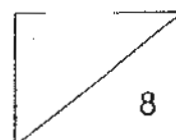
- 41 Sally, Rose and Queen baked 10 puffs each.  
If they put 5 puffs in each box, how many boxes did they use?

- 
- 42 Ling Ling buys 2 boxes of coloured beads. There are 10 strings of 5 beads in each box. In every group of 5 beads, 3 are red while the rest are blue. How many blue beads are there in the 2 boxes altogether?

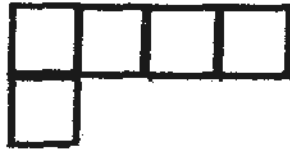


- 43 Farmer Ben has a wooden pole, a plank and a rod. The wooden pole is 148 cm long. It is 25 cm **longer** than the plank. The rod is 10 cm **shorter** than the plank. Find the length of the rod.

- 
- 44 James had 80 marbles ~~at first~~. He lost 25 marbles during the first round of a game. He won some marbles in the second round and had 105 marbles in the end. How many marbles did he win?



- 45 The figure below shows what was left after Peter ate 3 pieces of his chocolate bar.

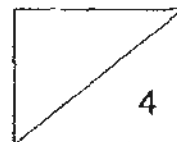


a) What fraction of the chocolate bar was eaten?

- b) Lenny ate another  $\frac{4}{8}$  of the chocolate bar and Jeremy ate the remaining piece of the chocolate bar. What fraction of the chocolate bar was eaten by Jeremy?

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END OF PAPER



Please check your work carefully.

# ANSWER SHEET

**EXAM PAPER 2010**

**SCHOOL : RED SWASTIKA PRIMARY  
SUBJECT : PRIMARY 2 MATHEMATICS**

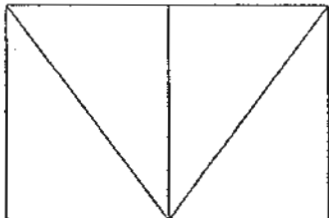
**TERM : SA2**

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

Q18	Q19	Q20
4	1	2

- 21) 475      22) 308      23) Row D      24) 932, 702, 546, 385  
25) 236      26) 685 is 10 more than 675      27) 3      28)  $3 \times 4 = 12$   
29)  $1 \times 10$  and  $5 \times 2$       30) Seating Arrangement B      31) Item B  
32) 5      33)  $\frac{2}{3}$  and  $\frac{1}{3}$

34)



- 35) 3      36) 3.40      37) 30      38) 3

39)



40) 60

41)  $3 \times 10 = 30$   
 $30 \div 5 = \underline{6}$   
They used 6 boxes.

42)  $5 - 3 = 2$   
No. of blue beads in each box  
 $= 10 \times 3$   
 $= 20$   
No. of blue beads in 2 boxes  
 $= 20 \times 2$   
 $= \underline{40}$

43)  $148\text{cm} - 25\text{cm} = 123\text{cm}$   
 $123\text{cm} - 10\text{cm} = 113\text{cm}$   
The length of the rod is 113cm

44)  $80 - 25 = 55$   
 $105 - 55 = 50$   
He won 55 marbles

45a)  $1 - \frac{5}{8} = \underline{\frac{3}{8}}$

45b)  $\frac{5}{8} - \frac{4}{8} = \underline{\frac{1}{8}}$