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

<u>Note:</u>

In this paper, you should have the following:
(a) Page <u>1</u> to Page <u>17</u>
(b) Questions <u>1</u> to <u>45</u>

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?
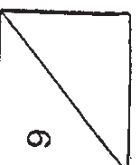
756 = ⬚ + 48 tens 6 ones

(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

(   )

6

4 6 groups of 3 is the same as _____

   (1) 3 × 3 × 3
   (2) 6 × 6 × 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?

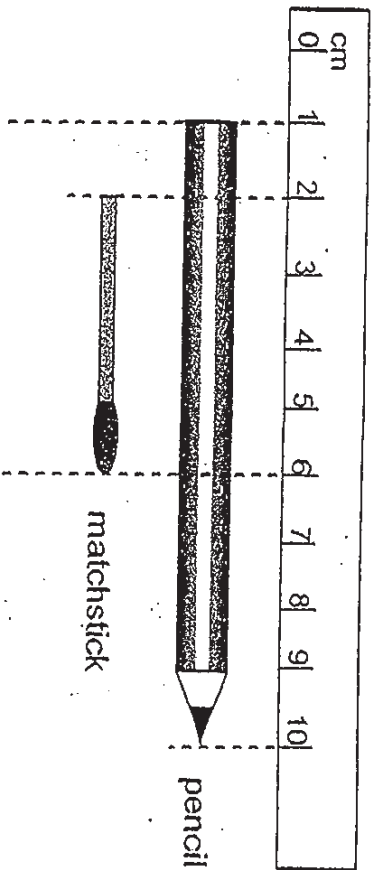   (1) $5.16
   (2) $6.15
   (3) $6.16
   (4) $7.05

                                                    (   )
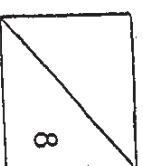
Study the picture carefully and answer Questions 8 and 9.
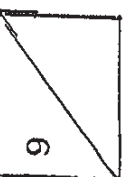

8 The pencil is _____ cm.

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

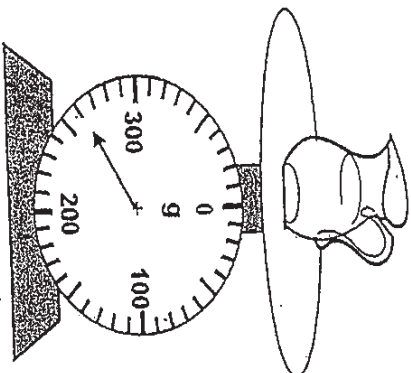( )

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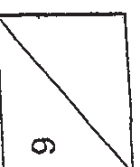
(1) $\frac{2}{9}$

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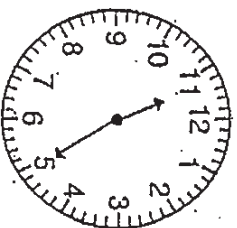
(1) 8.40 a.m.
(2) 11.40 a.m.
(3) 12.40 a.m.
(4) 12.40 p.m.

( )

4

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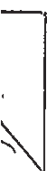
(   )

15 The time shown on the clock is _____

(1) 5.55 a.m.
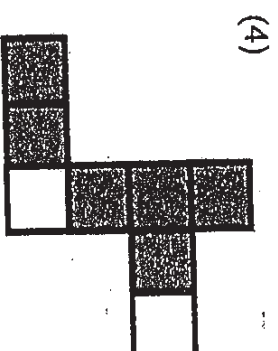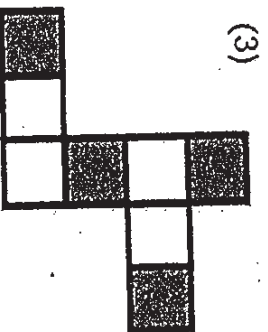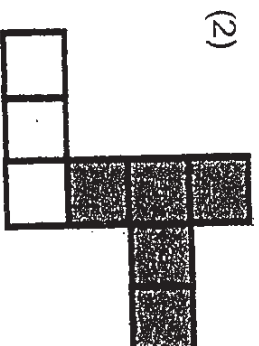(2) 11.05 a.m.
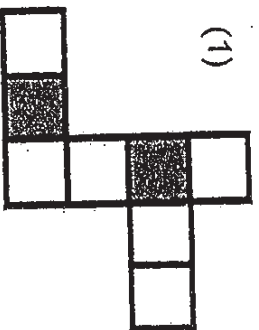(3) 11.25 a.m.
(4) 12.25 a.m.

(   )

16 Which fraction is the **smallest**?

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

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

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

(4) $\frac{1}{5}$
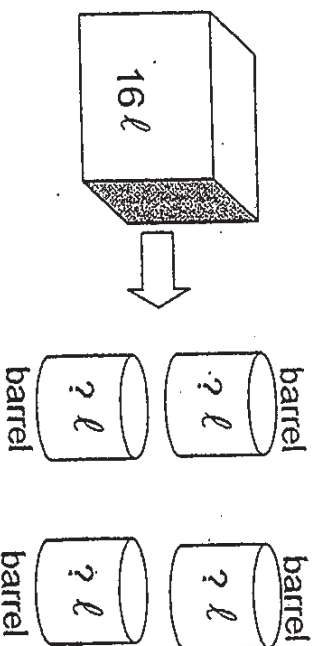
(   )
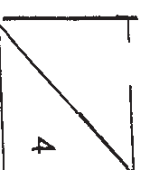
17 Which figure shows $\frac{1}{2}$ of it shaded?
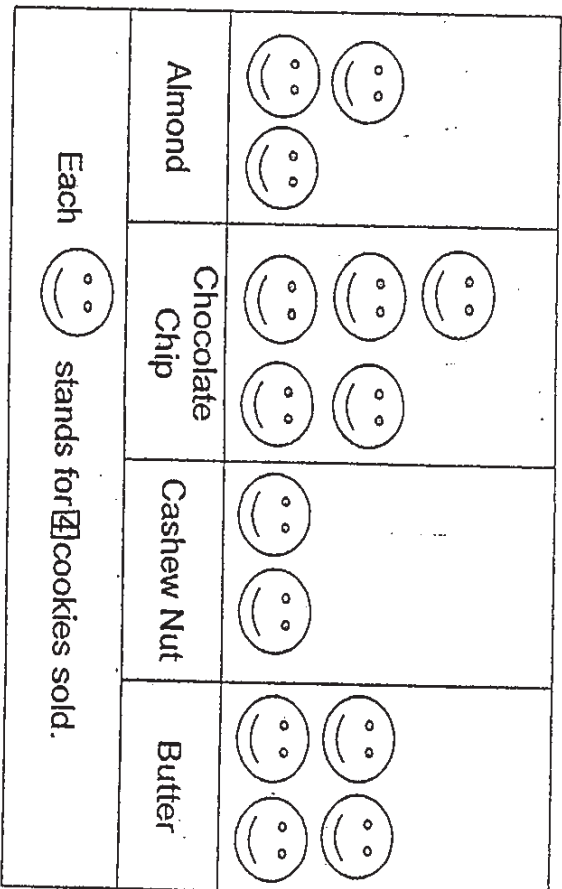
(1)

(2)

(3)

(4)

(   )

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

16 ℓ

? ℓ barrel   ? ℓ barrel
? ℓ barrel   ? ℓ barrel

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

(   )

6

4

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

Almond	Chocolate Chip	Cashew Nut	Butter
☺ ☺ ☺	☺ ☺ ☺ ☺ ☺ ☺	☺ ☺	☺ ☺ ☺ ☺

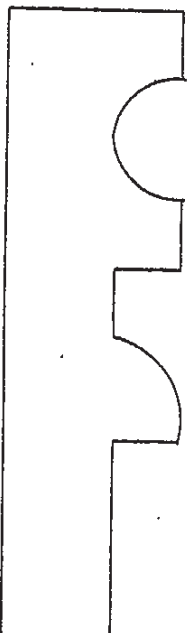Each ☺ stands for 4 cookies sold.

19   _____ **more** chocolate chip cookies than almond cookies were sold.
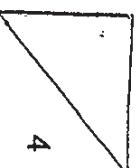
(1) 8
(2) 2
(3) 12
(4) 32

(   )

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.

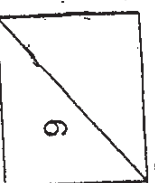21   What is the difference between 800 and 325?

Ans: _____

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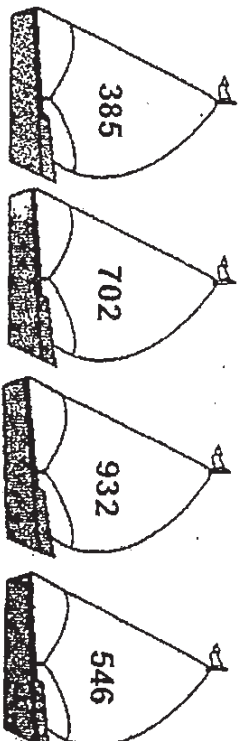
Ans: _____

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: _____

6

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

385   702   932   546

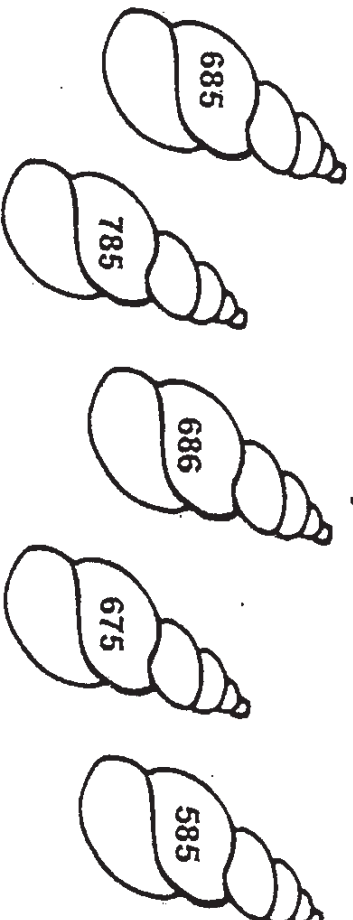greatest ___ , ___ , ___ , ___ smallest

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

6   3   2
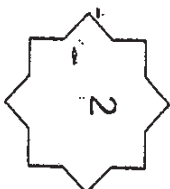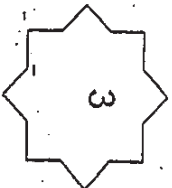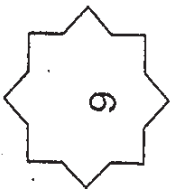
Ans: _____

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

685   785   686   675   585
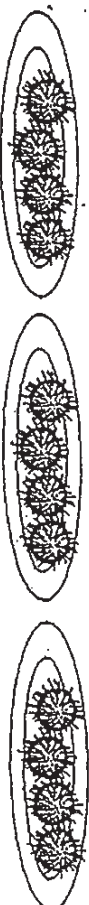
685   is 10 more than _____

9

6
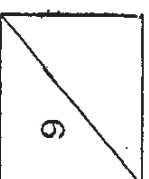
Study the figure below carefully and answer Question 27.
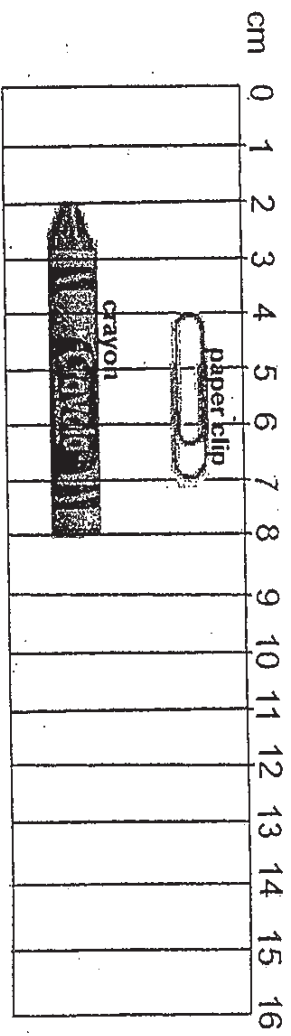
27   How much shorter is the paper clip than the crayon?

Ans: _____ cm

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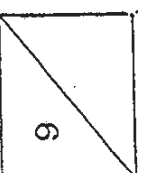   rambutans she bought.

☐ × ☐ = ☐

29   Cross out 2 cards which have the same value.

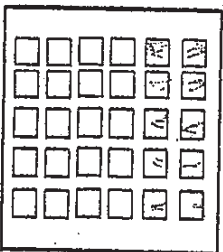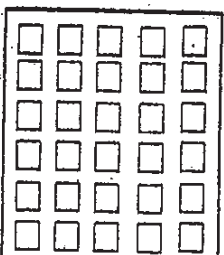| 10 ÷ 2 | ~~5 × 2~~ | ~~1 × 0~~ | 10 ÷ 5 | 2 × 10 |

6

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**?

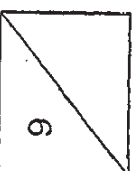| Item A	Item B	Item C	Item D
$7.10	$6.50	$9.60	$6.95

Ans: _____

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

Ans: _____

6

33   Which pair of fractions adds up to a whole?

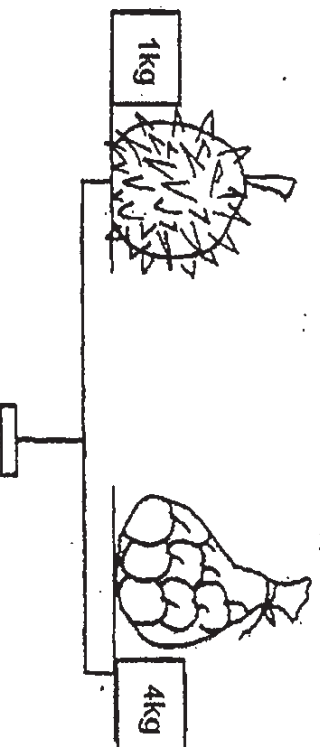| $\frac{3}{2}$ | $\frac{2}{2}$ | $\frac{1}{3}$ | $\frac{1}{1}$ | $\frac{2}{3}$ |

Ans: _____ and _____

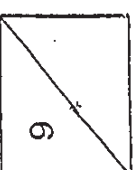34   Complete the diagram below to show how it can be divided into 4 equal parts.

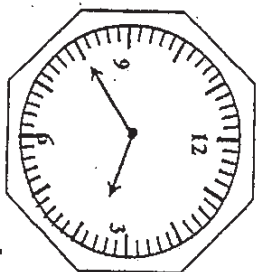Study the figure below carefully and answer Question 35.

35   How much heavier is the durian than the bag of apples?
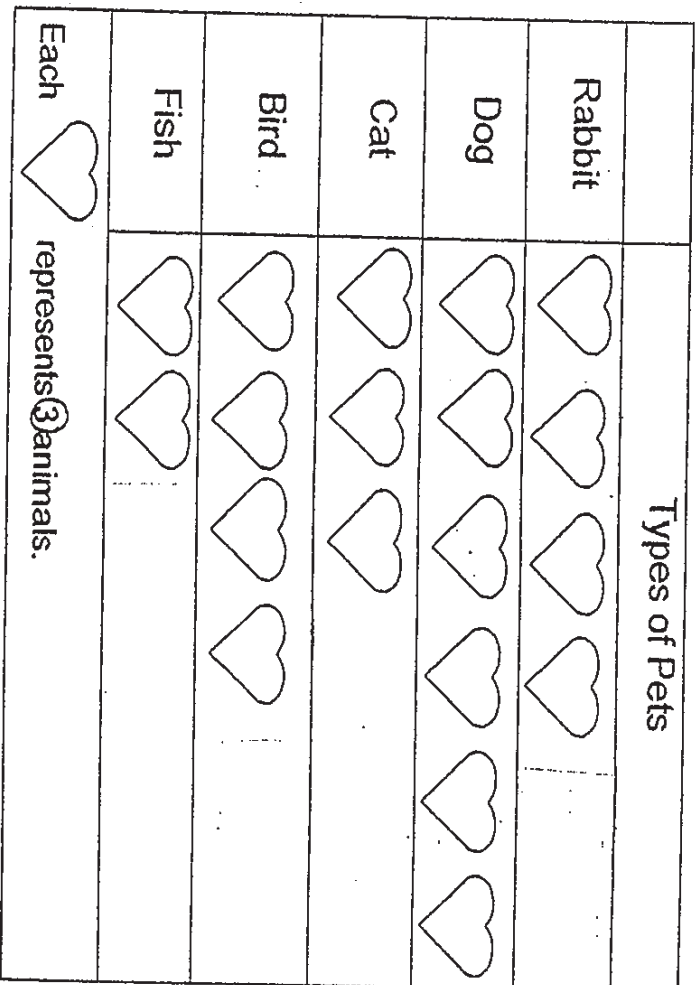
Ans: _____ kg

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

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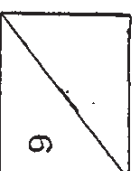
The picture graph below shows the types of pets sold in a pet shop.
Use it to answer Questions 37 and 38.

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: _____

6

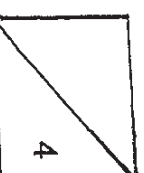**39** Shade 2 figures which have both curved and straight lines.
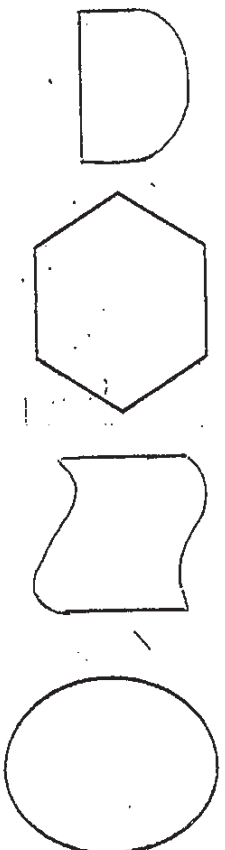
40 Mr Lim uses the pails filled with water shown below to wash his car. Each pail can hold 10 litres of water. How many litres of water does he use altogether per week if he washes his car twice a week?
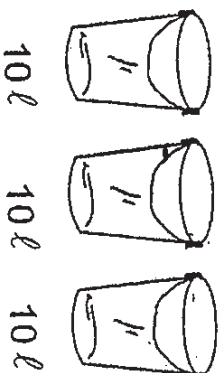
10ℓ   10ℓ   10ℓ

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?

15

8
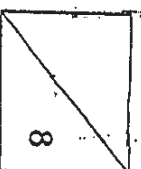
43   Farmer Ben has a wooden pole, a plank and a rod.
      The wooden pole is 148 cm long. It is 25 cm longer than
      the plank. The rod is 10 cm shorter than the plank.
      Find the length of the rod.

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?
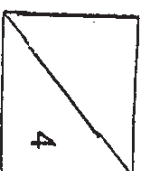
8
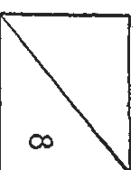
45   The figure below shows what was left after Peter ate 3
      pieces of his chocolate bar.
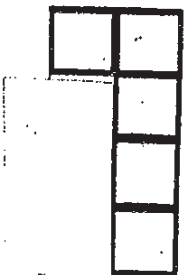
a) What fraction of the chocolate bar was eaten?

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?

END OF PAPER

Please check your work carefully.

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

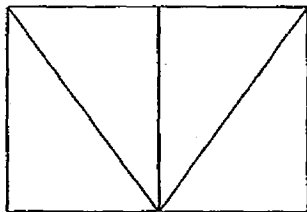25) 236   26) 685 is 10 more than 675   27) 3   28) 3 x 4 = 12

29) 1 x 10 and 5 x 2   30) Seating Arrangement B   31) Item B

32) 5   33) 2/3 and 1/3

34)

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

39)

40) 60

41) 3 x 10 = 30
30 ÷ 5 = 6
They used 6 boxes.

42) 5 – 3 = 2
No. of blue beads in each box
= 10 x 3
= 20
No. of blue beads in 2 boxes
= 20 x 2
= 40

43)148cm – 25cm = 123cm
123cm – 10cm =113cm
The length of the rod is 113cm

44)80 – 25 = 55
105 – 55 = 50
He won 55 marbles

45a) 1 – 5/8 = 3/8

45b) 5/8 - 4/8 = 1/8