



Pei Hwa Presbyterian Primary School  
Semestral Assessment 2 – 2011  
Mathematics  
Primary 2

|       |     |
|-------|-----|
| Total |     |
|       | 100 |

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

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

Section A (20 × 2 = 40 marks)

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

1. What is the value of the digit 7 in 579?

(1) 7

(2) 57

(3) 70

(4) 79

( )

2. 4 fives = \_\_\_\_\_

(1) 1

(2) 9

(3) 20

(4) 45

( )

3.  $9 \times 3$  is the same as \_\_\_\_\_.

(1)  $3 + 3 + 9$

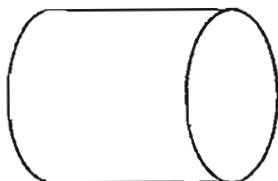
(2) 9 nines

(3)  $9 + 9$

(4) 9 threes

( )

4. The cylinder below has \_\_\_\_\_ curved surface/s.



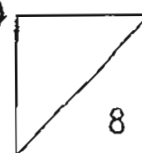
(1) 1

(2) 2

(3) 3

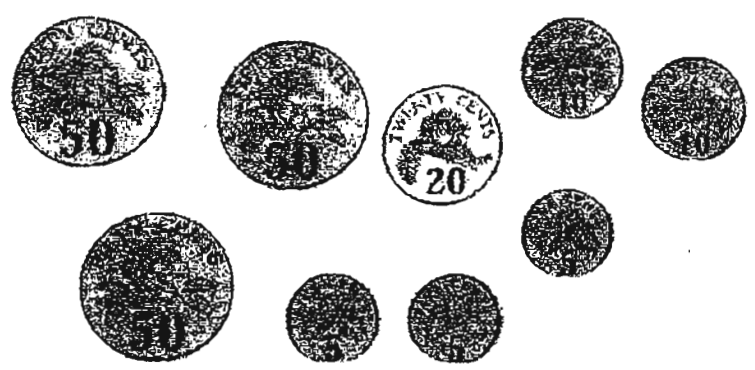
(4) 4

( )



of  
1

What is the amount money shown below?



(1) \$2.05

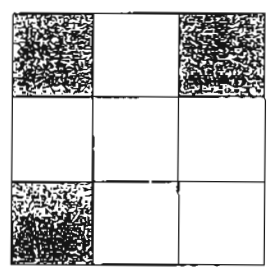
(2) \$22.05

(3) \$220.05

(4) \$220.50

( )

What fraction of the figure is unshaded?



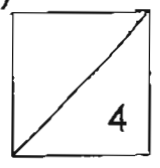
(1)  $\frac{3}{9}$

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

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

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

( )



7.  $458 =$  \_\_\_\_\_ hundreds + 13 tens + 28 ones

(1) 400

(2) 45

(3) 3

(4) 4

( )

8. Subtract 6 tens from the sum of 430 and 306.

(1) 730

(2) 676

(3) 370

(4) 184

( )

9. The height of a classroom cupboard is about \_\_\_\_\_.

(1) 2 cm

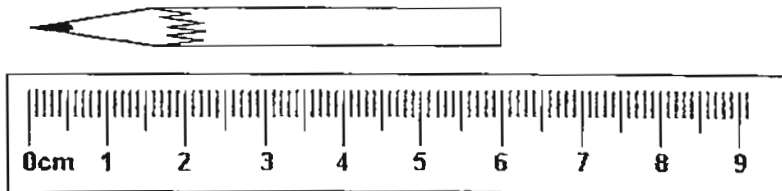
(2) 20 cm

(3) 2 m

(4) 20 m

( )

10. What is the length of the pencil?



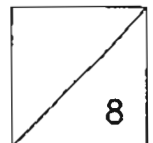
(1) 6 cm

(2) 2 cm

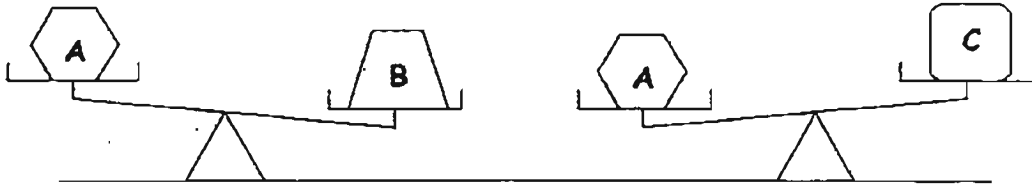
(3) 8 cm

(4) 10 cm

( )



11. Arrange the objects from the lightest to the heaviest.



- (1) A, B, C                      (2) B, A, C  
(3) C, B, A                      (4) C, A, B                      (     )

12. Sheila bought 4 packets of cookies.

Each packet has 6 cookies.

She then shared all the cookies equally with her 2 friends.

How many cookies did each of them get?

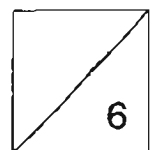
- (1) 5                                      (2) 8  
(3) 12                                      (4) 24                                      (     )

13. Mr Ali bought some pencils.

He gave 4 pencils each to 7 pupils and has 2 pencils left.

How many pencils did Mr Ali buy?

- (1) 13                                      (2) 22  
(3) 26                                      (4) 30                                      (     )



14.  $\frac{3}{6} + \frac{2}{6} = 1 - \square$

(1)  $\frac{5}{6}$

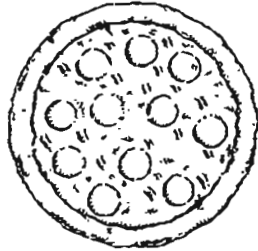
(2)  $\frac{5}{12}$

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

(4)  $\frac{7}{12}$

( )

15. Muthu ate four-eighths of a pizza.  
His brother and father ate one-eighth of the pizza each.  
What fraction of the pizza is left?



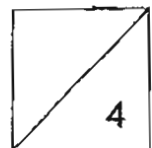
(1)  $\frac{2}{8}$

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

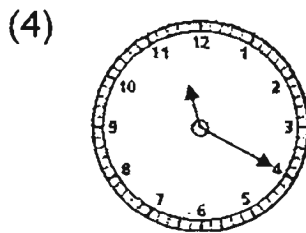
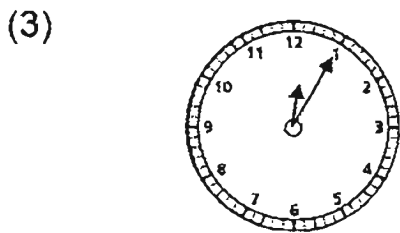
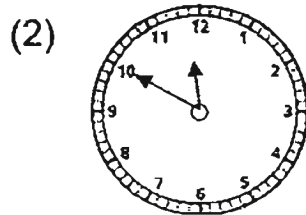
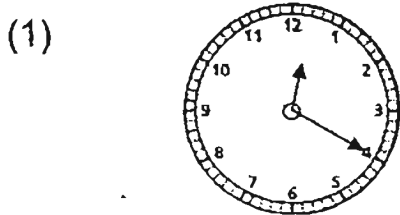
(3)  $\frac{6}{24}$

(4)  $\frac{18}{24}$

( )



16. George must report to school at 12.05 p.m.  
 He was 15 minutes late.  
 What time did he reach school?



( )

17. Jug R can hold 250 ml of water.  
 Jug Q can hold 150 ml more than Jug R.  
 What is the total volume of both jugs?

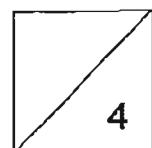
(1) 650 ml

(2) 400 ml

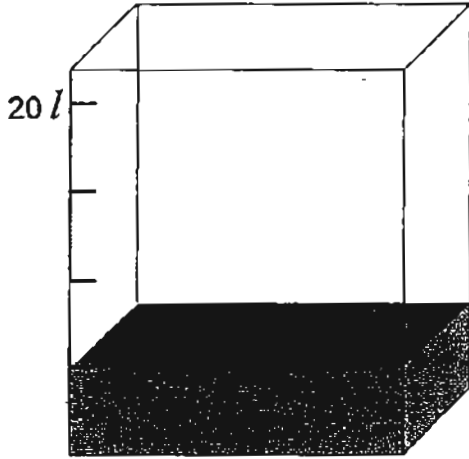
(3) 350 ml

(4) 250 ml

( )



18. How much more water is needed to fill up the tank to 15 l?



(1) 5 l

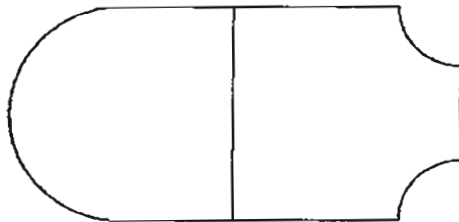
(2) 10 l

(3) 15 l

(4) 20 l

( )

19. How many curved lines does this figure have?



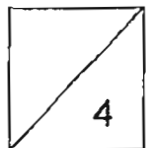
(1) 9

(2) 7

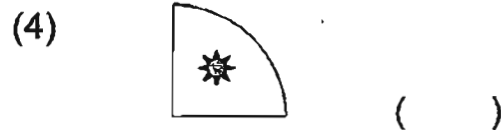
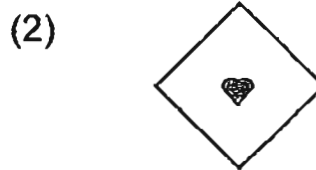
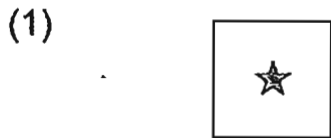
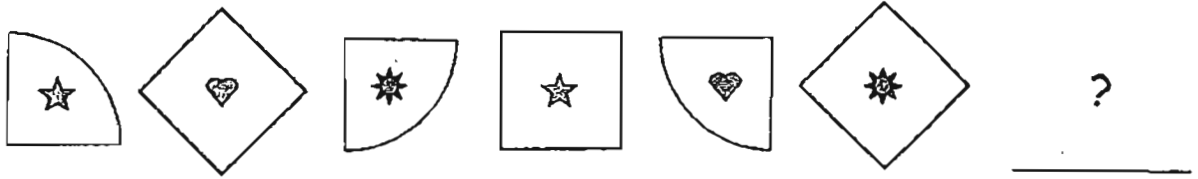
(3) 3

(4) 4

( )



20. Look at the pattern below.  
What comes next?



Section B (20 × 2 = 40 marks)

Write the correct answer in the blanks provided. For questions that require working, show your working clearly in the space provided.

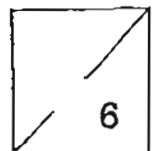
21. Write 849 in words.

\_\_\_\_\_

22. Arrange the numbers below in descending order.



\_\_\_\_\_ greatest





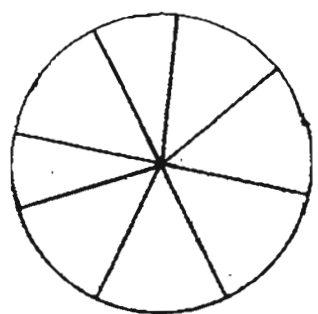
23. Fill in the blanks with 'g' or 'kg'.

(a) The mass of a school bag is about 3

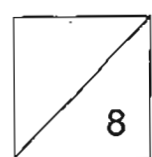
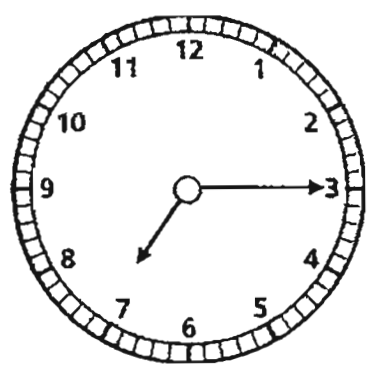
(b) The mass of a pencil case is about 200

24. Twice of a number is 18. What is the number?

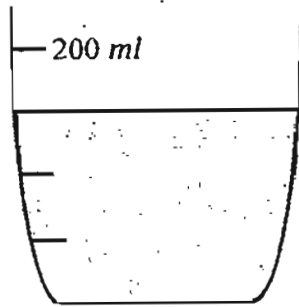
25. Shade  $\frac{3}{7}$  of the figure below.



26. Alex's favourite movie will start at the following time **tonight**.  
What time will the movie start? (indicate a.m. or p.m.)

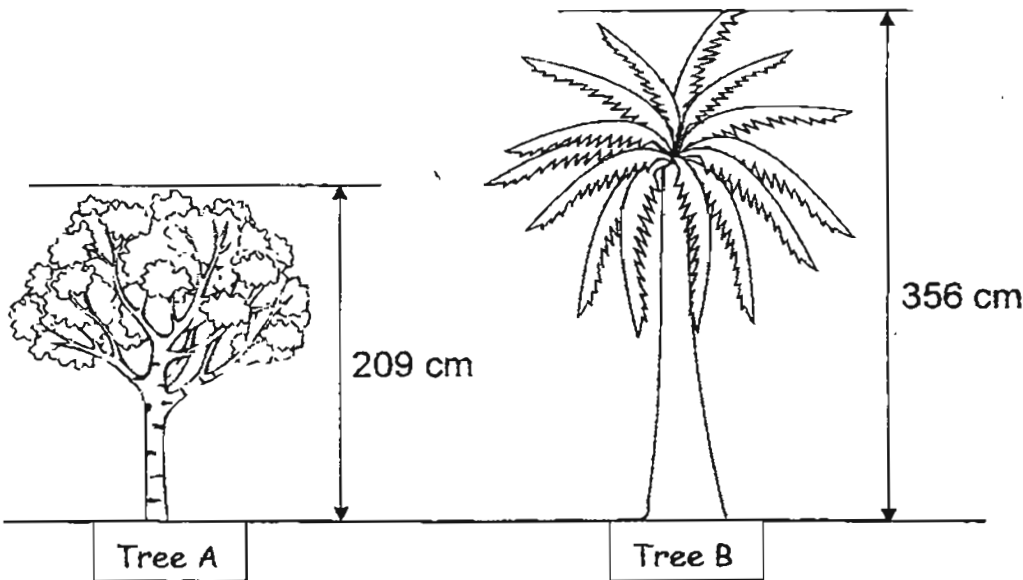
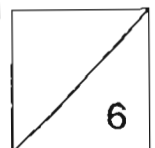


27. What is the volume of water in the container below?

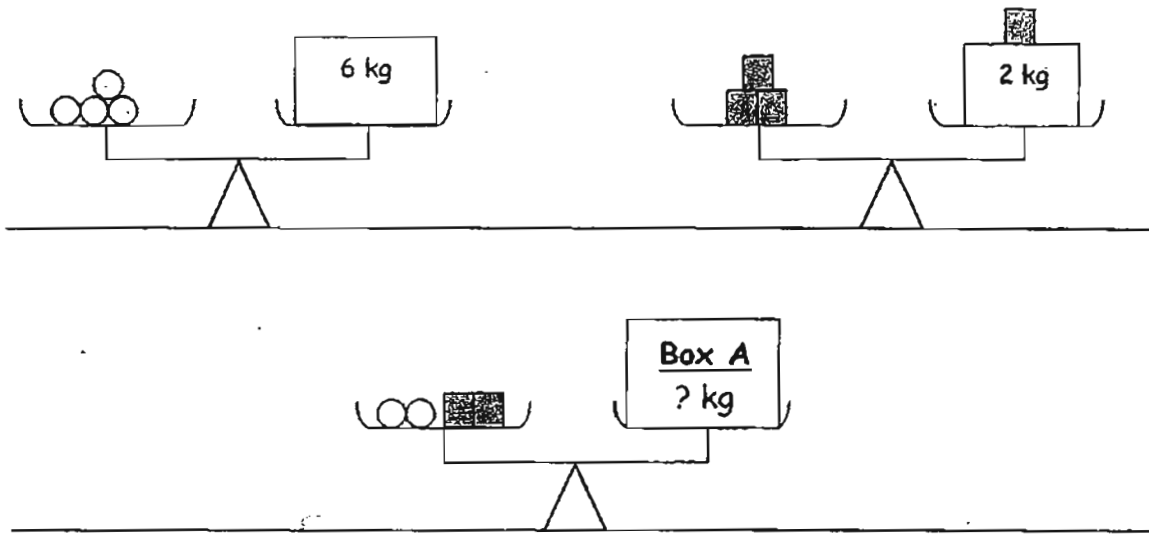
 ml

28. What number is 2 hundreds more than 471?

29. What is the difference in height between Tree A and Tree B as shown in the diagram below ?

 cm

30. Study the diagram below. What is the mass of Box A ?



kg

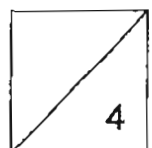
31.

$$\text{Apple} \div \text{Strawberry} = 2$$

$$\text{Strawberry} \times \text{Strawberry} = 25$$

Each fruit represents a number.

What is the value of ?



32. 42 chairs are arranged equally in 6 rows.  
How many chairs are there in each row?

33.

Entrance Fees to the  
Space Show

Adult ----- \$7.50 each

Child ----- \$5.50 each

Mr and Mrs Grant went to the Space Show with their two children.  
How much did they pay for the Space Show?

\$

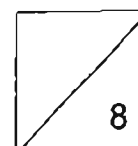
34.  $\frac{9}{11} - \frac{3}{11} - \frac{4}{11} =$

35. Arrange the following fractions in order. Begin with the smallest fraction.

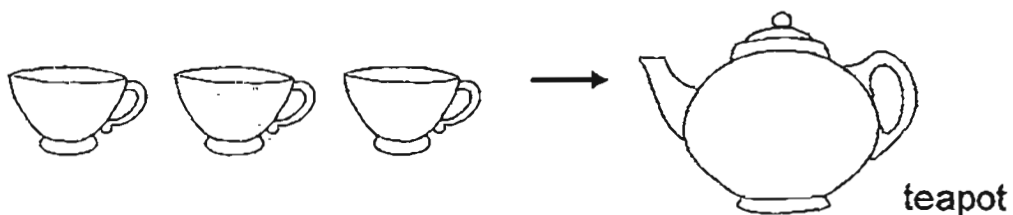
|               |               |                |               |
|---------------|---------------|----------------|---------------|
| $\frac{1}{5}$ | $\frac{1}{3}$ | $\frac{1}{12}$ | $\frac{1}{9}$ |
|---------------|---------------|----------------|---------------|

smallest



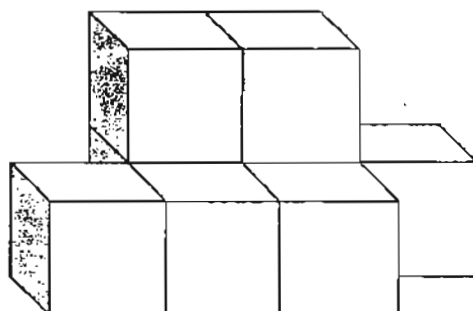


36. Each cup has a volume of 150 ml.  
What is the volume of the teapot?

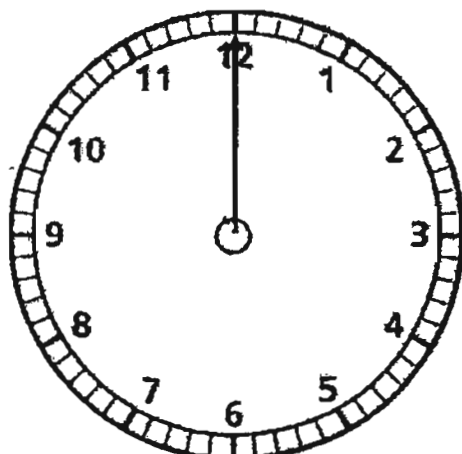


ml

37. Study the figure below. How many cubes are used to build the figure?

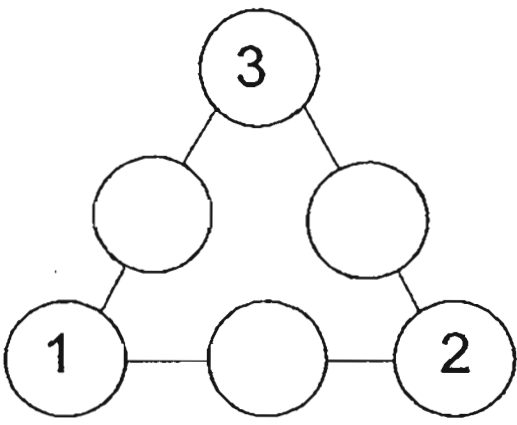


38. Sue started reading at 10.00 a.m..  
She stopped reading 1 hour later.  
Draw the hand on the clock below to show the time she stopped reading.

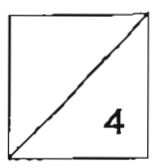


6

39. Using the digits **4, 5 and 6**, fill in all the circles below such that the total for all the sides are equal.  
Use each digit only **ONCE**.



40. When Tina and Sam add their ages together, the answer is 27.  
Tina is twice as old as Sam. How old is Sam?



Section C : (5 × 4 = 20 marks)

Solve each of the following problem sums.  
Show all your workings and statements clearly.  
Write your answers in the space provided.

Working

41. There were 865 people at a show.

326 of them were children.

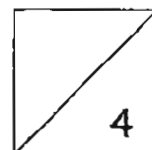
The rest were adults.

(a) How many adults were at the show?

There were \_\_\_\_\_ adults at the show.

(b) How many fewer children than adults were  
at the show?

There were \_\_\_\_\_ fewer children than  
adults at the show.



42. Howard has the same number of stamps as Jamil.

Ivan has 15 stamps.

The three children have 31 stamps altogether.

How many stamps does Jamil have?



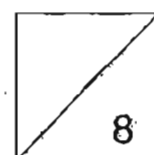
Jamil has \_\_\_\_\_ stamps.

43. For every 4 mangoes that Mr Haresh bought, he also bought 5 oranges.

If Mr Haresh bought 45 oranges, how many mangoes did he buy?

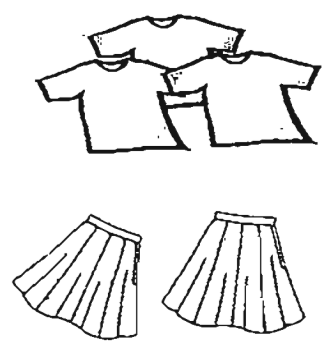


Mr Haresh bought \_\_\_\_\_ mangoes.

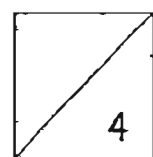




44. Irene bought 3 T-shirts and 2 skirts.  
The 3 T-shirts cost \$2 more than the 2 skirts.  
She spent \$20 altogether.  
How much did the 2 skirts cost?







The 2 skirts cost \$ \_\_\_\_\_.



45. A group of P2 pupils were asked to choose their favourite drink.

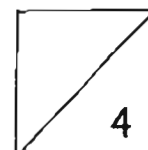
The table below shows the results.

|  |  |
|--|--|
| Soft drinks  |  |
| Orange juice   |  |
| Apple juice  |  |
| Milk   |  |
| Each  stands for 3 pupils. |  |

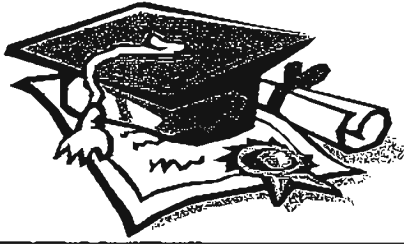
- (a) 6 fewer pupils like apple juice compared to orange juice.  
How many pupils like apple juice?  
**Represent your answer by drawing the number of cups in the graph above.**
- (b) How many more pupils like soft drinks than milk?

Working

\_\_\_\_\_ more pupils like soft drinks.



**END OF PAPER  
PLEASE CHECK YOUR WORK**

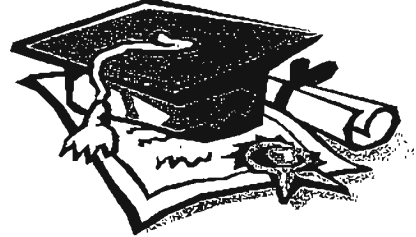


# ANSWER SHEET

**EXAM PAPER 2011**

**SCHOOL : PEI HWA  
SUBJECT : PRIMARY 2 MATHEMATICS**

**TERM : SA2**



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

|     |     |     |
|-----|-----|-----|
| Q18 | Q19 | Q20 |
| 2   | 3   | 3   |

21) Eight hundred and forty-nine

22) 960, 906, 690, 609

23) a) kg b) g

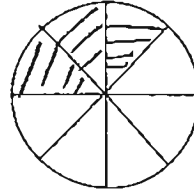
24) 9

25)

26) 7.15 p.m.

27) 150ml

28) 671



29) 147cm

30) 5kg

31) 10

32) 7

33) \$26

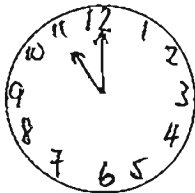
34) 2/11

35) 1/12, 1/9, 1/5, 1/3

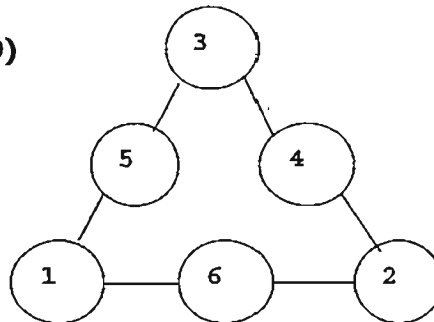
36) 450ml

37) 8

38)



39)



40) 9

41) a)  $856 - 326 = 539$

There were 539 adults at the show.

b)  $539 - 326 = 213$

There were 213 fewer children than adults at the show.

42) a)  $31 - 15 = 16$

$16 \div 2 = 8$

Jamil has 8 stamps.

43)  $45 \div 5 = 9$

$4 \times 9 = 36$

Mr Haresh bought 36 mangoes.

44)  $20 - 2 = 18$

$18 \div 2 = 9$

The 2 skirts cost \$9

45) a) drawing 3 cups.

b)  $21 - 15 = 6$

6 more pupils like soft drinks.