HENRY PARK PRIMARY SCHOOL
2008 SEMESTRAL EXAMINATION 2
MATHEMATICS
PRIMARY 2

100

Name: _____ ( )

Parent's Signature

Class: Pr 2 _____

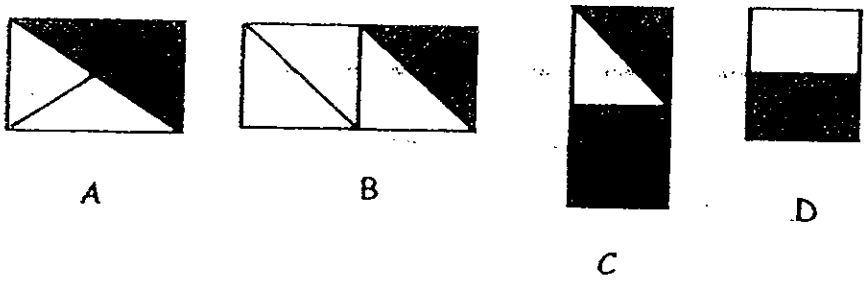
_____

Duration of Paper: 1 h 30 min

Section A : Multiple Choice Questions (10 x 2 marks = 20 marks)

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

1. Which one of the following is $\frac{1}{4}$ shaded?

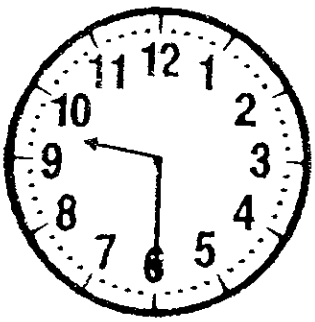


A B C D

(1) A
(2) B
(3) C
(4) D

( )

2.



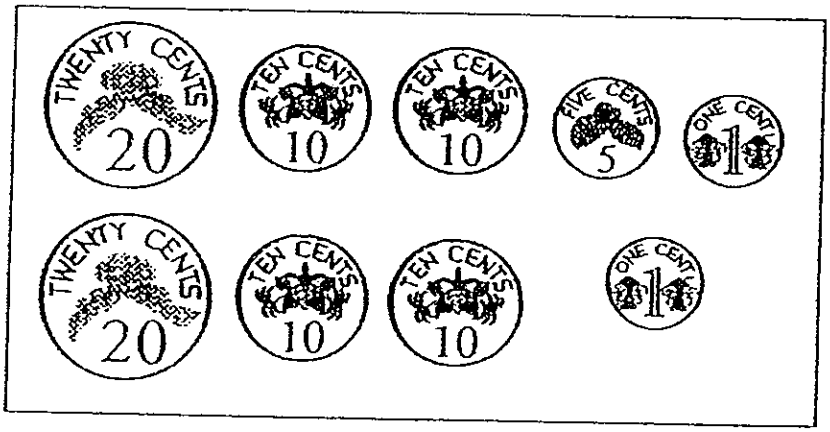
It is ☐ minutes to 10 o'clock.

What is the missing number in the box above?

(1) 4
(2) 6
(3) 20
(4) 30

( )

3.



The total value of the coins shown above is ☐.

(1) 67 ¢
(2) 72 ¢
(3) 87 ¢
(4) 95 ¢

( )

4. There are _____ tens in 4 000.

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

( )

5. Subtract 5 tens from 695. What is the answer?

(1) 645
(2) 690
(3) 700
(4) 745

( )

6. 4 x 5 = ☐ + 4

(1) 12
(2) 16
(3) 20
(4) 24

( )

7. Bryan watched a cartoon show which lasted 60 minutes. The show ended at 3.30 p.m. What time did the show start?

(1) 2.30 p.m.
(2) 4.00 p.m.
(3) 4.30 p.m.
(4) 6.00 p.m.

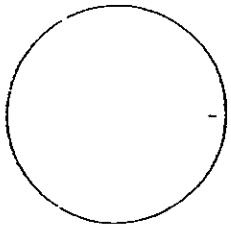
( )

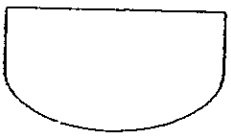
8. The mass of a medium-sized man is most likely to be ☐.

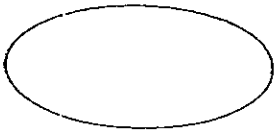
(1) 25 g
(2) 70 g
(3) 20 kg
(4) 65 kg

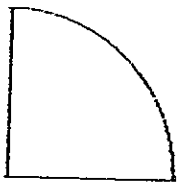
( )

9. Which one of the following shows a quarter of a circle ?

(1) 

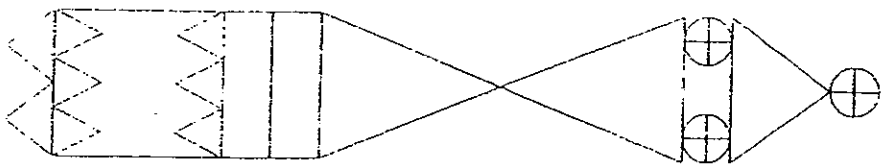
(2) 

(3) 

(4) 

( )

10. How many triangles can you see in this rocket figure?



(1) 10
(2) 11
(3) 12
(4) 13

( )

Section B : Open - ended Questions (30 x 2 marks = 60 marks)

Fill in your answers in the blanks provided.

11. Complete the number pattern below by filling in the missing numbers in the boxes.

12.

3 groups of four = _____

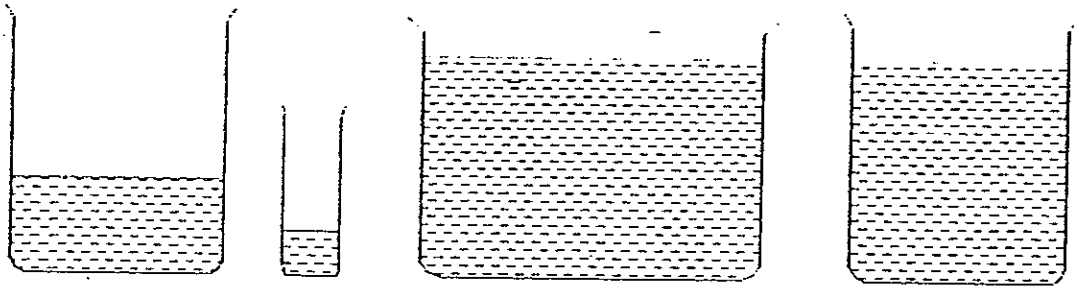
13. Colour $\frac{3}{8}$ of the figure below.

14. Fill in the box with " *hours* " or " *minutes* ".

(a) Carol goes for 2 _____ of tennis CCA every Thursday.

(b) Gareth jogs for 30 _____ in the park every evening.

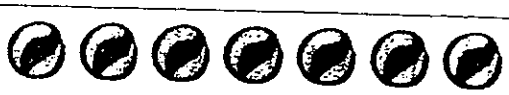
15. Look at the containers below. Arrange the containers of water beginning with the one containing the greatest volume of water.



A B C D

_____, _____, _____, _____

16. The graph shows the number of marbles Ali and Ahmad collected.

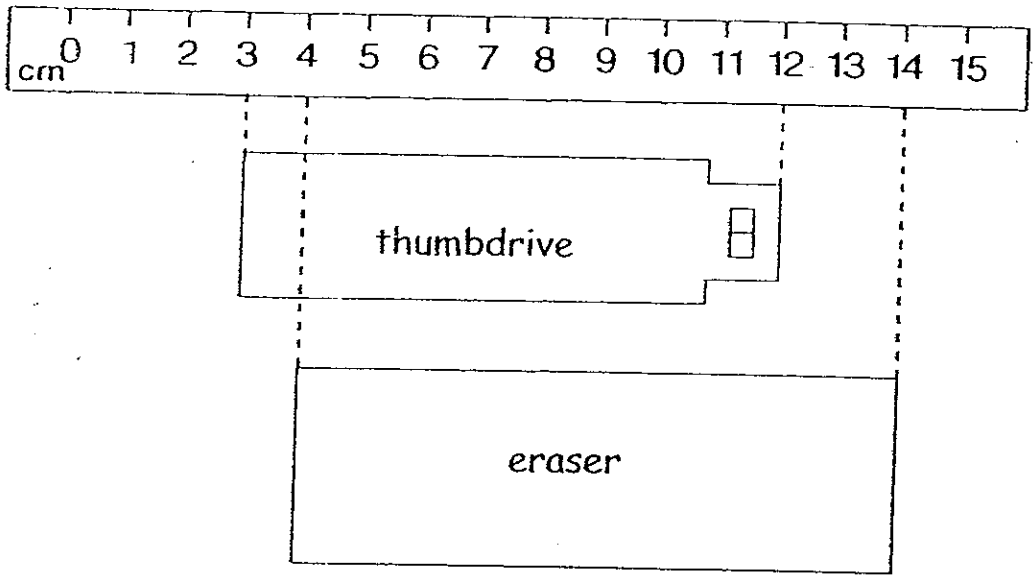
Number of marbles collected	
Ali	50
Ahmad	 70

Each stands for 10 marbles.

Ali has _____ marbles.

17. $ 22.05 is the same as _____ ¢.

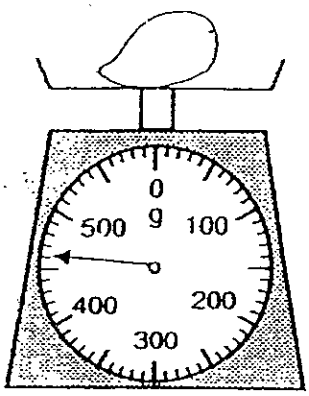
18. Use the ruler below to answer question 18.



a) The length of the eraser is _____ cm .

b) Which is the shorter item?

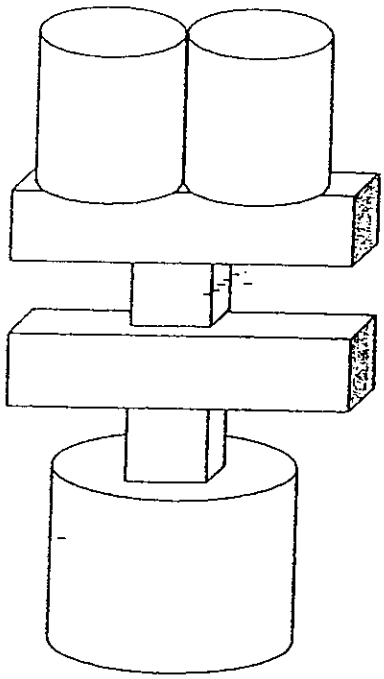
19.



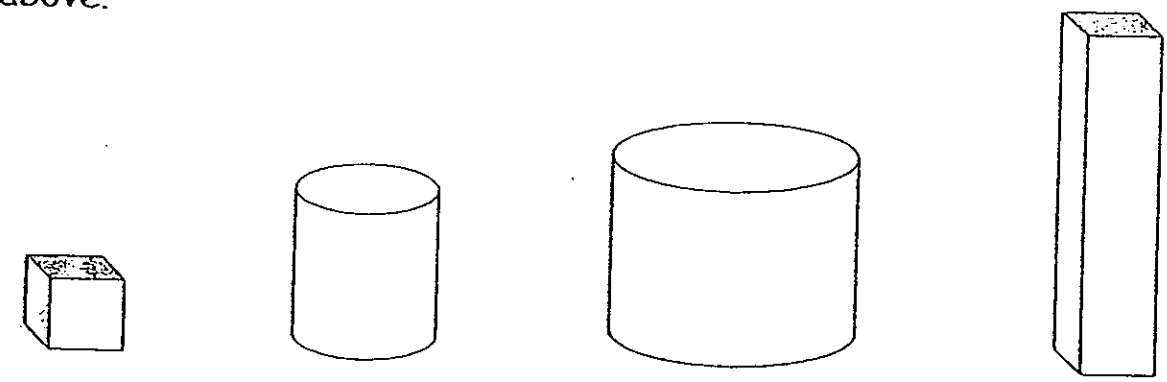
The mass of the mango is

_____ g .

20. Suzy formed the figure below with some solids.



Fill in the number of each type of solid Suzy used to build the figure above.

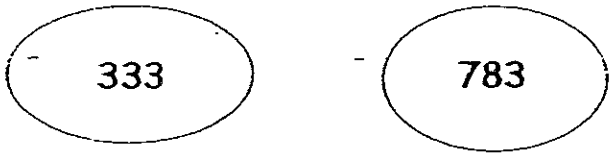


_____ _____ _____ _____

21. What is the smallest 3-digit number that can be formed using the digits in the box below? Use each digit **once** only.

9	0	5

22. Use these numbers to fill in the boxes below.



403 is smaller than ☐ but greater than ☐.

23. Mrs Chan puts 230 jellybeans in a jar. She needs 70 more jellybeans to fill up the jar. How many jellybeans can the bottle hold?

☐ jellybeans

24. $\frac{5}{7}$ and ☐ make 1 whole.

☐

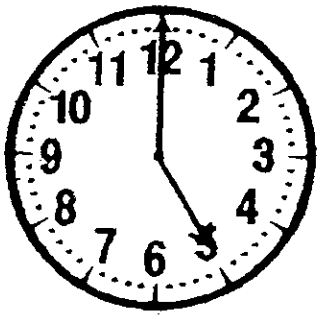
25. Arrange the fractions in order. Begin with the smallest.

$\frac{1}{3}$ $\frac{1}{7}$ $\frac{1}{5}$ $\frac{1}{8}$

☐

smallest biggest

26.

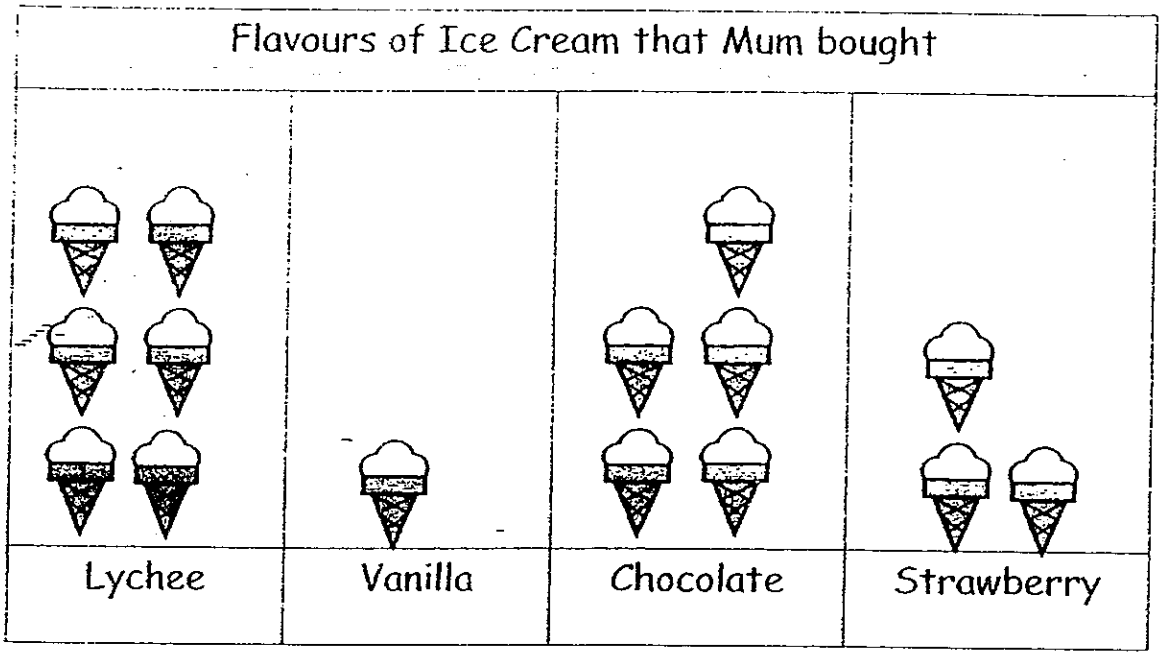


Look at the time on the clock.

It is 30 minutes slow. What should be the correct time?

☐

Study the graph below and answer questions 27 and 28.

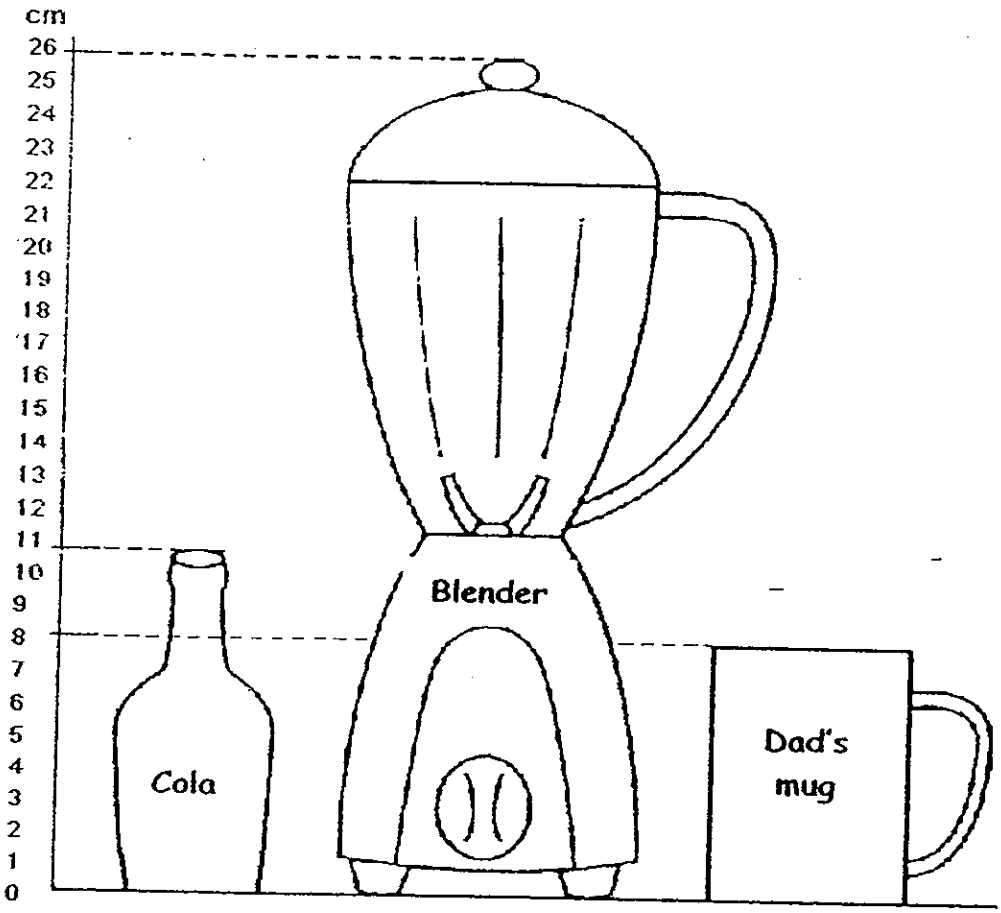


Each represents 4 cones of ice cream.

27. Mum bought _____ cones of chocolate ice cream.

28. Mum bought _____ cones of ice cream altogether.

Refer to the diagram below for questions 29 and 30.

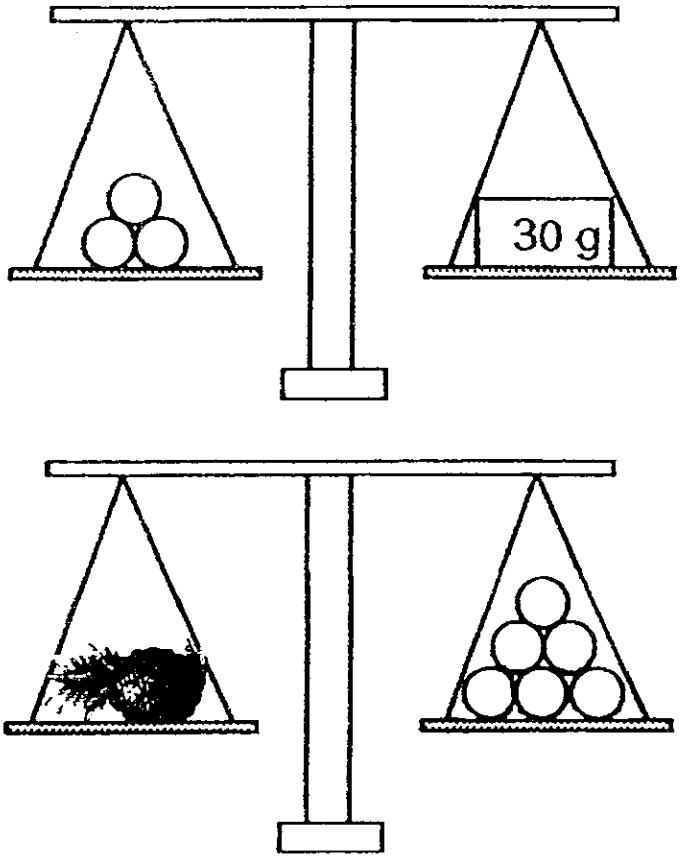


29. The Cola bottle is _____ cm taller than Dad's mug.

30. If the height of an oven is equal to the height of 2 such blenders, what would the height of the oven be?

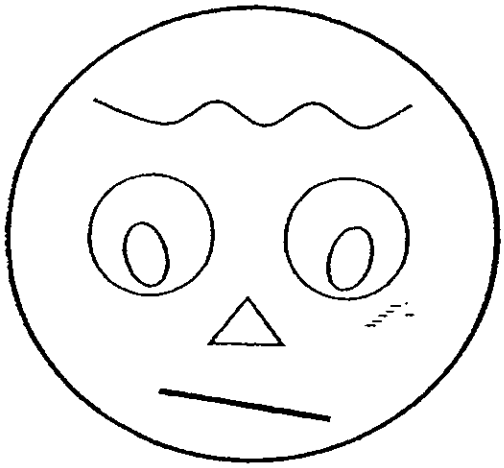
cm

31. Study the diagrams below carefully.



The mass of the pineapple is _____ g .

32. The figure is made up of _____ straight lines and _____ curves.



straight lines

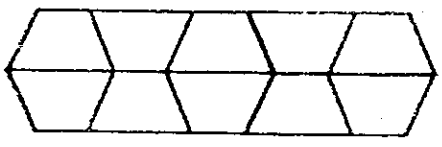
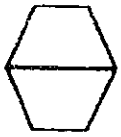
curve lines

33. There are 435 boys in a school. There are 59 more girls than boys in the school. How many pupils are there in the school?

34.

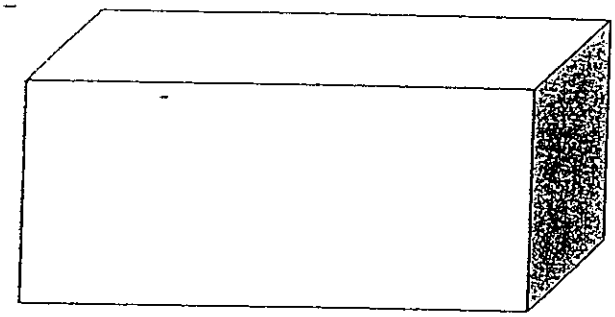
$$\begin{array}{r} 5\ \boxed{A}\ 5 \\ -\ 2\ 9\ 8 \\ \hline 2\ 2\ 7 \end{array}$$

35. Superman has 32 butterflies. He wants to keep 4 butterflies in a container. How many containers will he need?

36. If  = 1, what is  ?

37. A pizza was cut into 10 equal pieces. Jonathon ate a few pieces. If 7 pieces were left, what **fraction** of the pizza had Jonathon eaten?

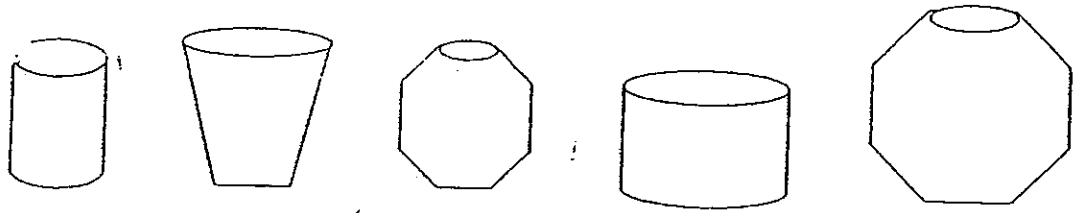
38. A drinks seller wants to fill up his tank with exactly 18 **litres** of orange juice.



Tank

If each container can only be used once, which of the 4 containers of orange juice must he use in order to fill the tank with exactly 18 litres of orange juice?

Circle the 4 containers he used.



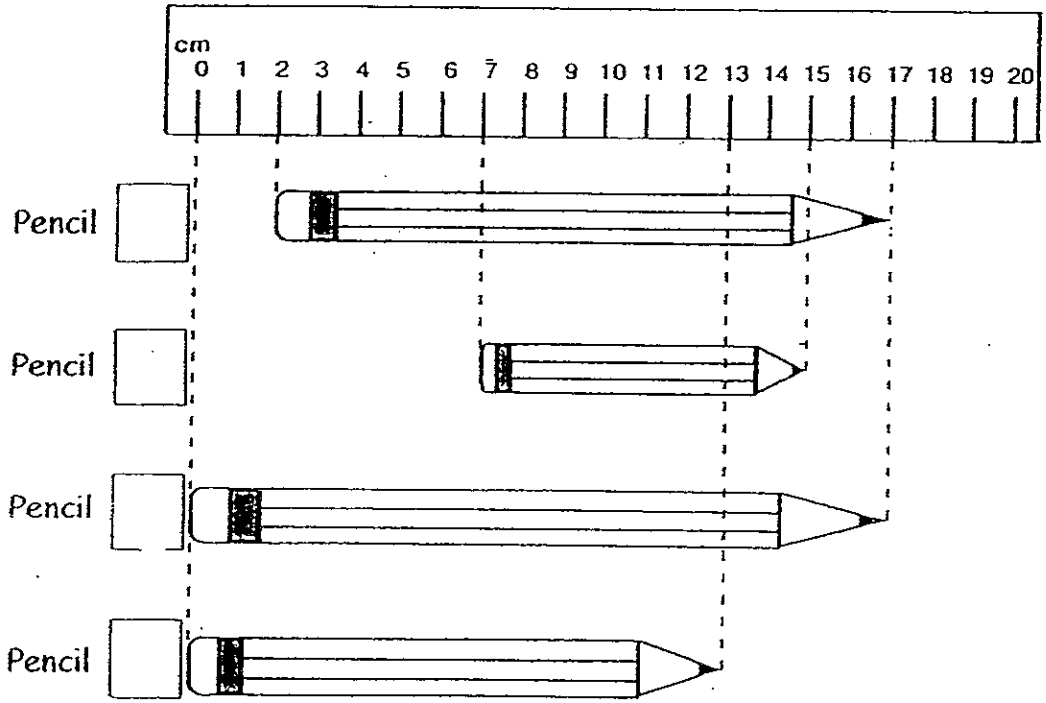
1 ℓ 4 ℓ 3ℓ 5 ℓ 8 ℓ

39 Refer to the diagram below and answer questions 39 (a) and 39(b).

a) Read the statements given below. Then label the pencils correctly with the letters A, B, C and D.

Each letter can only be used once.

- Pencil A is the longest.
- Pencil B is 4 cm shorter than Pencil A.
- Pencil C is not the shortest.



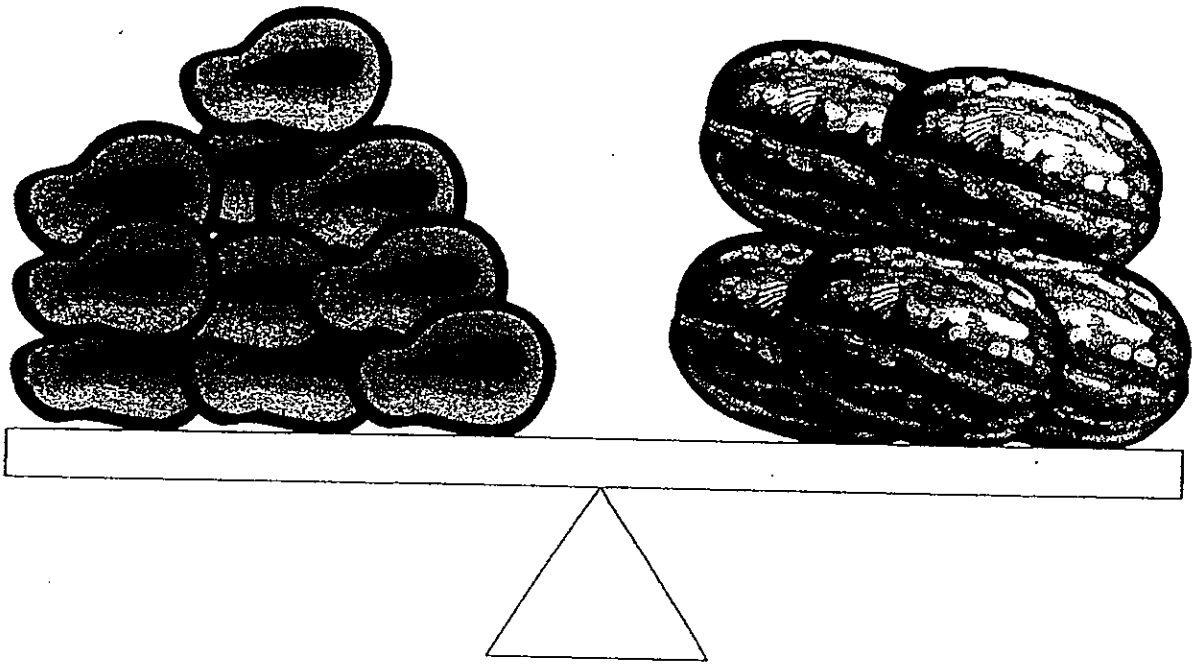
b) The difference in length between the longest pencil and the shortest pencil is _____ cm.

40. The mass of each papaya is 2 kg.

The mass of 10 papayas is the same as the mass of 5 watermelons.

What is the mass of each watermelon?

kg



Section C (5 x 4 marks)

Read each question carefully. Show your working and statements clearly in the spaces provided.

41. Mdm Ong had 370 pens. 198 of them were red and the rest were blue. How many blue pens did she have?

Working

42. Ronnie used 3 matchsticks to form a triangle. After forming 9 similar triangles, he had 13 matchsticks left. How many matchsticks did he have at first?

Working

43. Mr Edwin gives out 3 shuttlecocks to each of his players in the badminton team. He gives out a total of 24 shuttlecocks altogether.

a) How many players are there in the team ?

Working

b) If he keeps his shuttlecocks in bags of 6, how many bags would he need ?

44. Mrs Lee made a grape drink by mixing 6 ℓ of grape syrup and 24 ℓ of water. She poured the grape drink equally into 5 containers. How many litres of grape drink were there in each container?

Working

45. Ali has a red balloon, a blue balloon and a green balloon. He wants to arrange them in a straight row. How many different ways can he arrange the balloons by changing the position of the colours?

Complete the table below by listing the ways he can arrange the different coloured balloons.

Colour of 1st balloon	Colour of 2nd balloon	Colour of 3rd balloon

-END OF PAPER-

Setters: Mdm Nadia & Mdm Ong

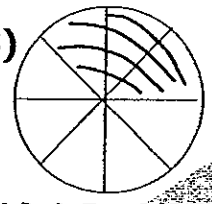
ANSWER SHEET

EXAM PAPER 2008

SCHOOL : HENRY PARK PRIMARY SCHOOL
SUBJECT : PRIMARY 2 METHEMATICE

TERM : SA 2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	4	3	2	1	2	1	4	4	2

11)979, 959 **12)12** **13)**  **14)a)hours b)minutes**

15)C,D,A,B **16)50**

17)2205 **18)a)10cm b)thumbdrive** **19)460g**

20)2 2 1 2 **21)509** **22)783, 333** **23)300 jellybeans**

24)2/7 **25)1/8, 1/7, 1/5, 1/3** **26)5.30**

27)20 **28)60** **29)3cm** **30)52cm**

31)60 **32)4, 6** **33)929** **34)A=2**

35)8 containers **36)1/5** **37)3/10** **38)1,4,5,8(L)**

39)a)C,D,A,B **b)9cm** **40)4kg**

41)370-198=172
Mdm Ong had 172 blue pens.

42)3x9=27
27+13=40
Ronnie had 40 matchsticks at first.

43)a)24÷3=8
There are 8 players in the team.

b)24÷6=4
He needs 4 bags.

44)24L+6L=30L
30L÷5=6L
There were 6 litres of grape drink in each container.

45)Red blue green
Blue green red
Green red blue

He can arrange six ways.