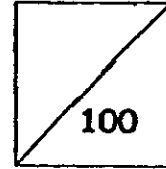




HENRY PARK PRIMARY SCHOOL  
2013 SEMESTRAL EXAMINATION 2  
MATHEMATICS  
PRIMARY 2



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

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

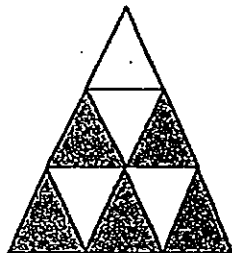
Class: Pr 2 \_\_\_\_\_

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. What fraction of the figure is not shaded?



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

(2)  $\frac{4}{9}$

(3)  $\frac{5}{9}$

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

( )

2. 60 minutes after 3.00 p.m. is \_\_\_\_\_.

(1) 3.06 p.m.

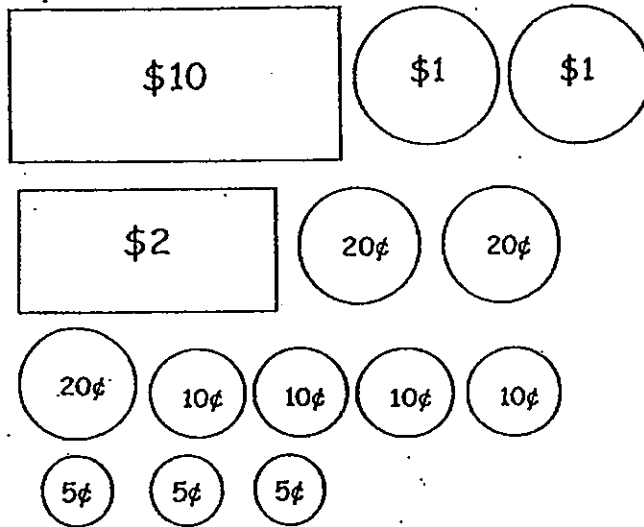
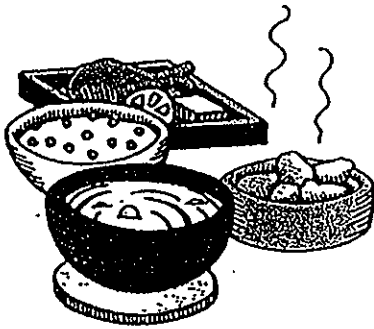
(2) 4.00 p.m.

(3) 6.03 p.m.

(4) 6.30 p.m.

( )

3. Adrian had a meal paid for it using all the notes and coins shown below. How much did his meal cost?



(1) \$14.25

(2) \$14.79

(3) \$15.15

(4) \$15.35

( )

4. Look at the number pattern below.  
What is the missing number?

113, 117, 121, \_\_\_\_\_, 129, 133, 137

- (1) 123  
(2) 125  
(3) 126  
(4) 127

( )

5. 3 hundreds 16 ones - 13 tens = \_\_\_\_\_

- (1) 176  
(2) 186  
(3) 226  
(4) 286

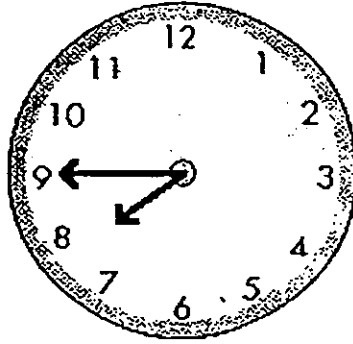
( )

6.  $24 \div 3 = \square \times 2$

- (1) 1  
(2) 2  
(3) 3  
(4) 4

( )

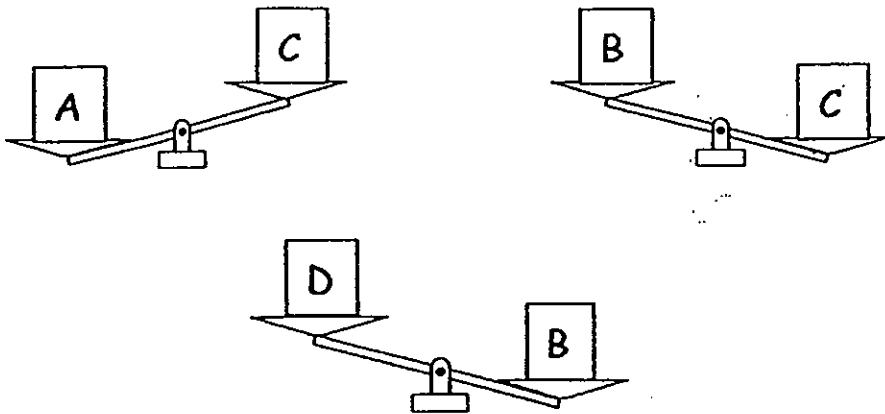
7. The clock below is 30 minutes slow.  
What should the correct time be?



- (1) 7.15 p.m.
- (2) 7.45 p.m.
- (3) 8.15 p.m.
- (4) 8.45 p.m.

( )

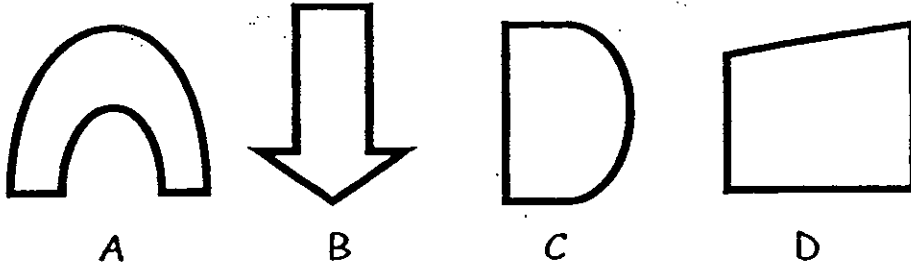
8. Study the pictures below carefully.  
Which box is the lightest?



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

( )

9. Which of the following figures has 2 straight lines and 2 curved lines?



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

( . )

10. Study the pattern below carefully.  
What is the shape that comes next in the pattern?



- (1)
- (2)
- (3)
- (4)

( )

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

Fill in your answers in the blanks provided.

11. Write 351 in words.

12.  $7 \times 4 =$

What is the missing value in the box?

13.  $\frac{9}{12}$  and \_\_\_\_\_ will make 1 whole.

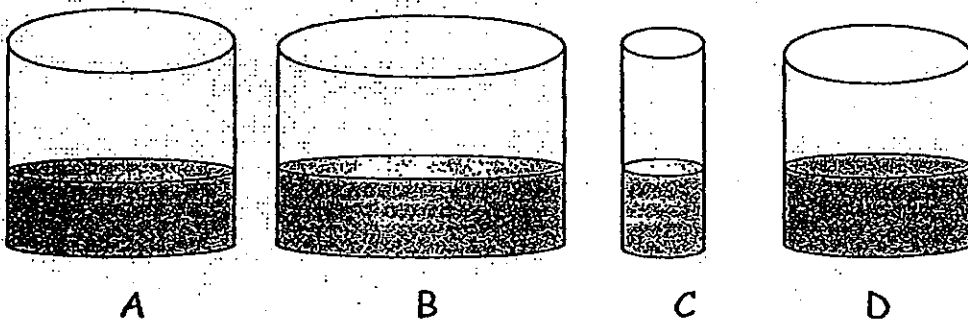
14. Fill in the blanks with h or min.

a) Yesterday's assembly period in school lasted for only 30 \_\_\_\_\_.

b) Mother took 1 \_\_\_\_\_ to cook 4 dishes for lunch.

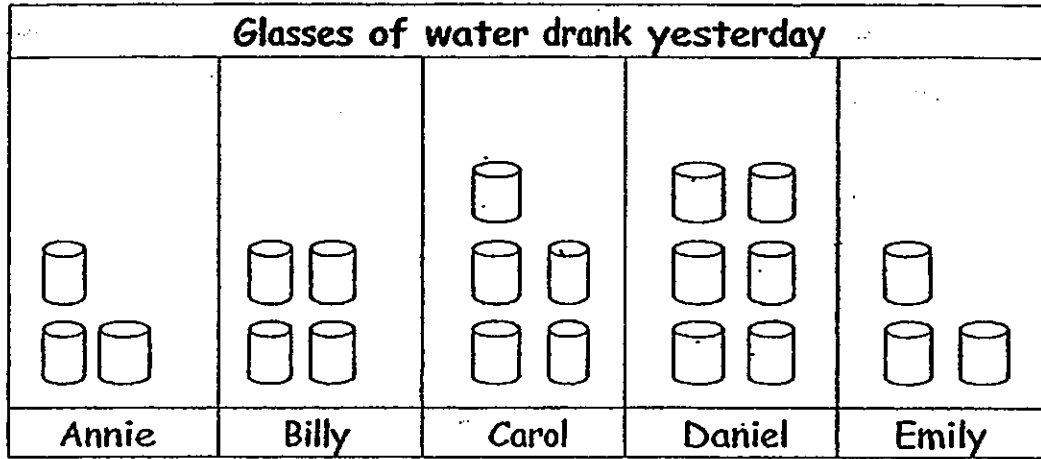
15. Containers A, B, C and D contained water as shown below.


Which container has the least volume of water?



Container

16. The graph below shows the number of glasses of water 5 children drank yesterday.

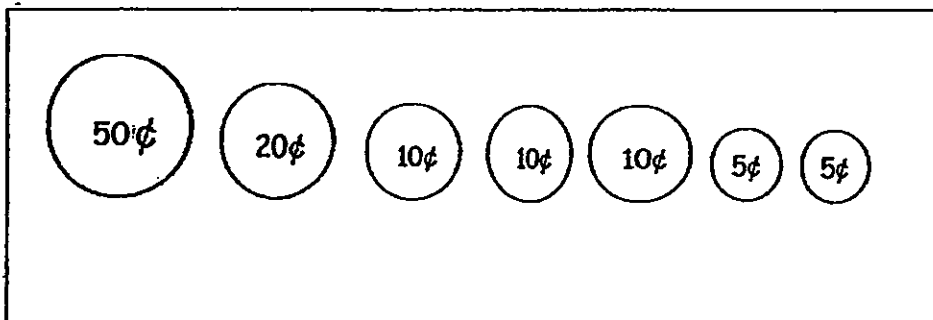


Each  stands for 3 glasses of water.

- (a) How many glasses of water did Daniel drink yesterday?

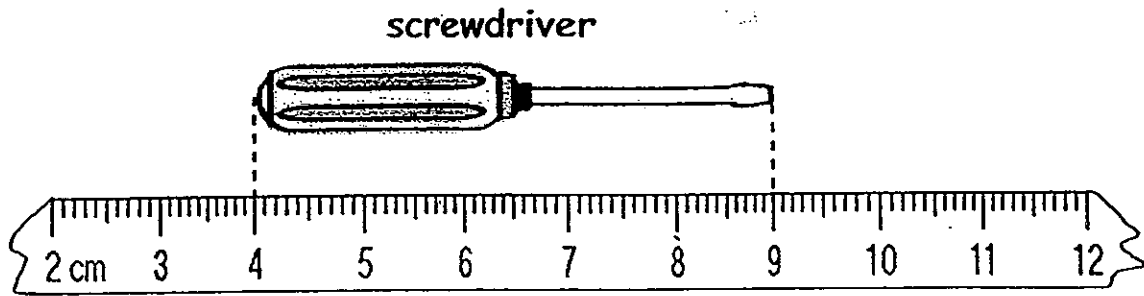
- (b) Who drank 3 more glasses of water than Annie?

17. Colour the coins to show the value of 85¢.



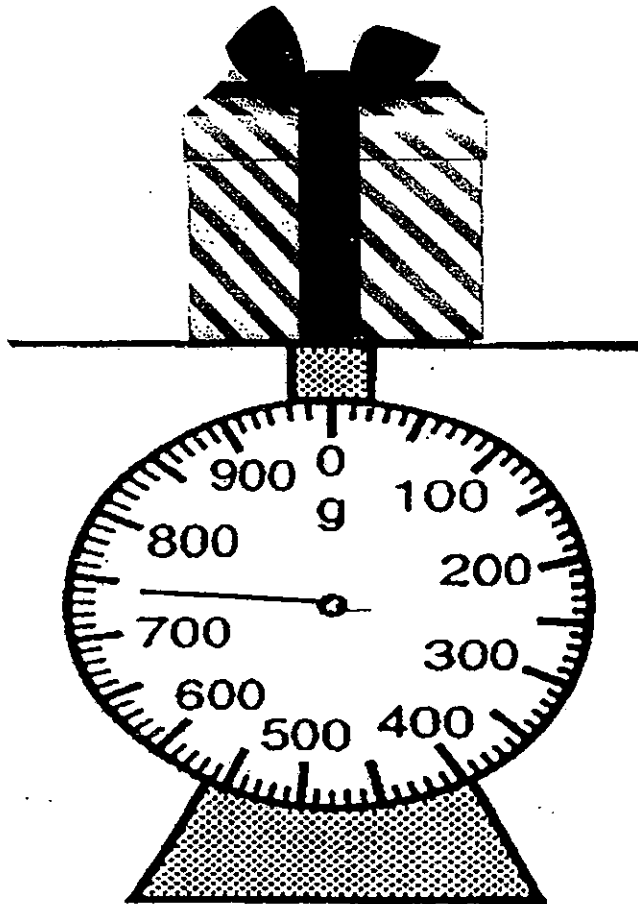


18. What is the length of the screwdriver shown below?



cm
----

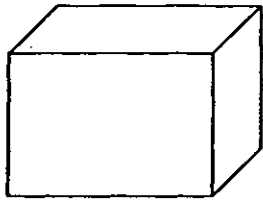
19. What is the mass of the parcel shown below?



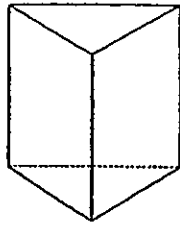
g
---

20. Which of the following solids has 5 flat surfaces?

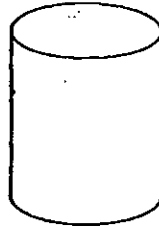
Circle to show your answer.



P



Q



R

21. Form the smallest 3-digit number with the numbers given below.

Each digit can only be used once.

4

2

0

6

22. Look at the numbers below.

241 , 165 , 214 , 156

Arrange the numbers in order. Begin with the smallest number.

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_  
smallest

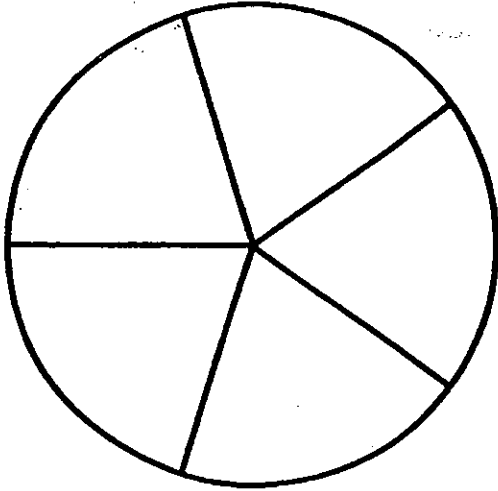
23.  $548 + 150 + \boxed{?} = 1000$

What is the missing number in the box?

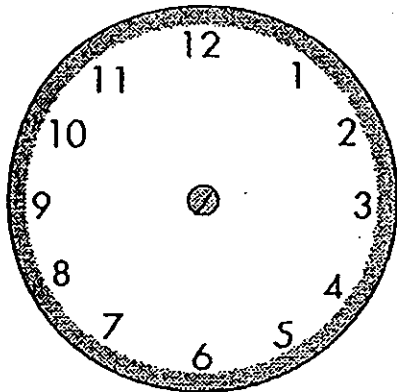
24. Mdm Siti gave Jim and Nurul a ribbon. Jim used  $\frac{3}{10}$  of the ribbon and

Nurul used  $\frac{5}{10}$  of the ribbon. What fraction of the ribbon was left?

25. A cake was cut into 5 equal pieces as shown below.  
Mary ate two-fifths of the cake and Jane ate one-fifth of the cake.  
What fraction of the cake was eaten?



26. Kelly usually reaches school 25 minutes before 12 noon.  
What time does she usually reach school?  
Draw the hour and minute hands in the clock face to show the time.



27. Dolly, Emily, Fanny and Gwen played a game.

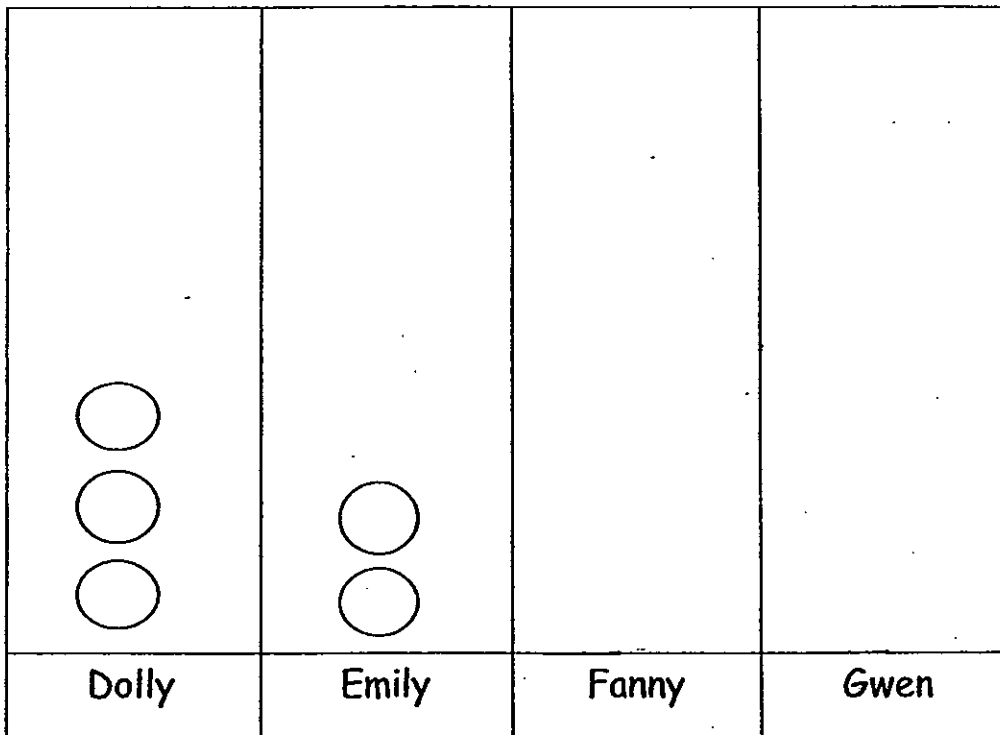
Dolly scored 15 points and Emily scored 10 points.

Fanny scored twice as many points as Emily.

Gwen scored 5 points fewer than Dolly.



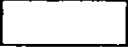

Use the information above to complete the picture graph below

Number of points scored by four children.



Each  represents 5 points

28. The pupils in Class 2A, 2B, 2C and 2D borrowed some storybooks.

2A	
2B	
2C	
2D	

Each  represents 10 storybooks.

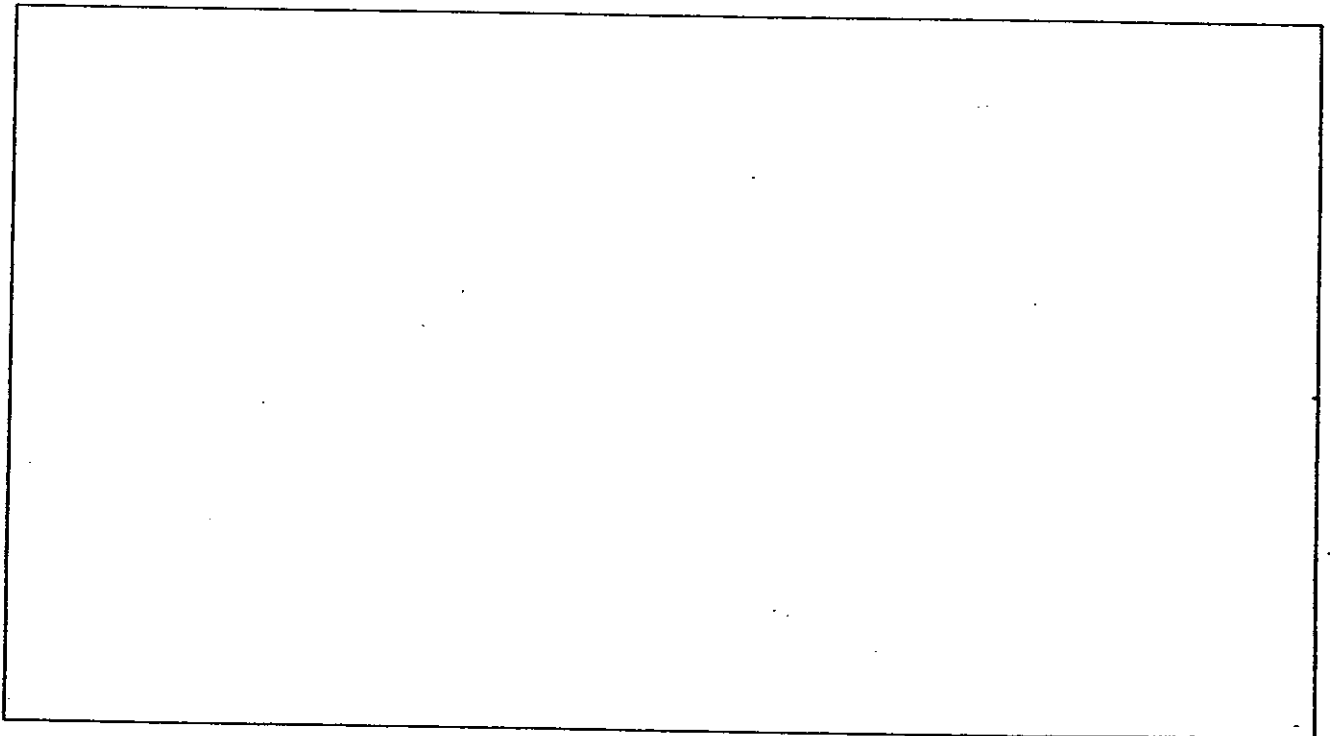
(a) How many fewer storybooks did the pupils in Class 2A borrow than the pupils in Class 2D?

(b) How many storybooks did the pupils in the Class 2A and 2B borrow altogether?

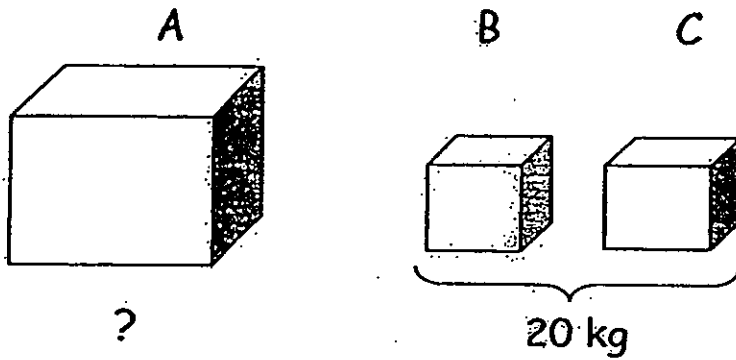
29. Uncle John had a wire of 400 cm. He used 274 cm of the wire to build a cage. How much wire had he left?



30. Draw a straight line JK measuring 7 cm long in the box below.

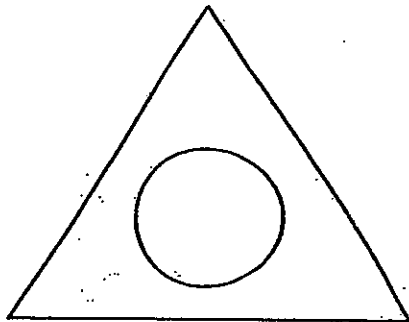


31. There are 3 boxes labelled A, B and C.  
 Box A is 8 kg heavier than Box B.  
 Box B and Box C have the same mass.  
 The total mass of Box B and Box C is 20 kg.  
 What is the mass of Box A?



kg

32. The figure below is made up of two shapes. Name the two shapes used.



This figure is made up of a  and

a .



33. Look at the question below. What digits do letters A and B each stand for?

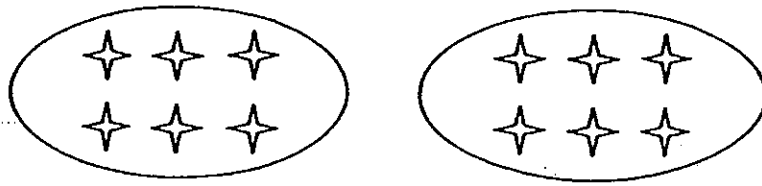
$$\begin{array}{r} 72A \\ - 358 \\ \hline B68 \\ \hline \end{array}$$

A =

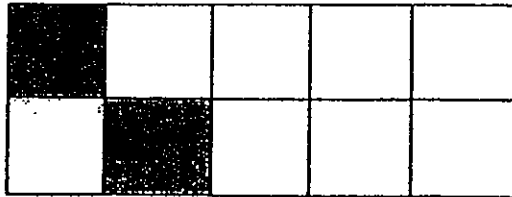
B =

34. Mrs Smith had 720 stamps. She gave away 297 stamps and bought another 85 stamps. How many stamps did she have in the end?

35. Write two division sentences for the pictures shown below.



36. How many more square(s) must be shaded so that half of the figure is shaded?



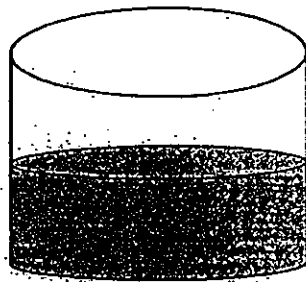
37. Arrange these fractions in order. Begin with the greatest.

$$\frac{5}{11} \cdot \frac{5}{7} \cdot \frac{5}{9}$$

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

greatest

38. Timothy wants to fill up his fish tank with exactly 21 ℓ of water.

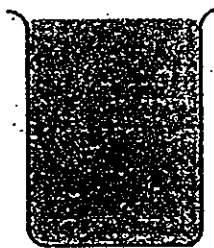


Fish tank

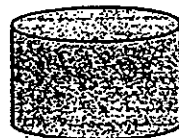
The figures below show 4 containers that are completely filled with water. If each container can only be used once, circle to show the 3 containers of water that he has to use in order to fill up the fish tank with exactly 21 ℓ of water?



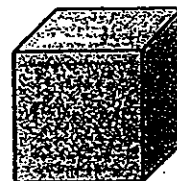
7 ℓ



8 ℓ



3 ℓ



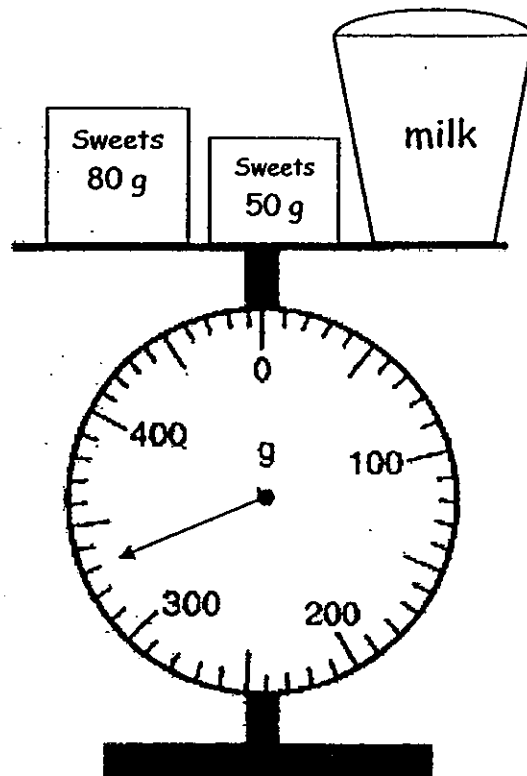
6 ℓ

39. Zachary has 2 ribbons, one blue and one green.

The blue ribbon is 25 cm long. It is 9 cm shorter than the green ribbon.

What is the length of the green ribbon?

40. The picture below shows the mass of two boxes of sweets and a packet of milk. Find the mass of the packet of milk.



Section C ( 5 x 4 marks )

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

41. Albert has 300 marbles. He has 100 more marbles than Bob.  
How many marbles do they have altogether?

Working

42. Angeline bought 2 boxes of pencils.

There were 9 pencils in each box.

a) How many pencils did she buy altogether?

Working

b) Angeline then shared the pencils she bought equally with Penny and Rachel. How many pencils did each girl get?

Working

43. At a party, 32 children were divided into 4 equal groups.

a) How many children were there in each group?

Working

b) In each group of children, there were 2 boys and the rest were girls. How many girls were there in each group?

Working

44. A can contains 5 ℓ of paint. Jennifer bought 9 such cans of paint to paint her flat. After painting her flat, Jennifer had 12 ℓ of paint left. How much paint did Jennifer used to paint her flat?

Working



45. Zoey bought a watch for \$110. She bought an iPad for \$500. She gave the shopkeeper \$900. How much change should Zoe get?

Working

-END OF PAPER-

Setters: Mdm Wong SY

Mr Saiful



# ANSWER SHEET

**EXAM PAPER 2013**

**SCHOOL : HENRY PARK PRIMARY SCHOOL**

**SUBJECT : PRIMARY 2 MATHEMATICS**

**TERM : SA2**

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

Section B

Q11) Three hundred and fifty-one

Q12) 28

Q13)  $\frac{3}{12}$

Q14) a) min

b) h

Q15) C

Q16) a) 18

b) Billy

Q17) 50¢, 20¢, 10¢, 5¢

Q18) 5cm

Q19) 740g

Q20) Q

Q21) 204

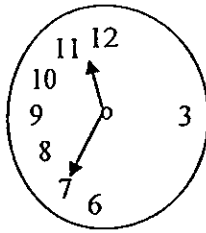
Q22) 156, 165, 214, 241

Q23) 302



Q24)  $\frac{2}{10}$

Q25)  $\frac{3}{5}$

Q26)



Q27)

	
Fanny	Gwen

Q28) a) 10

b) 70

Q29) 126cm

Q30) J ————— K

Q31) 18kg

Q32) circle, triangle

Q33) A = 6

B = 3

Q34) 508

Q35)  $12 \div 2 = 6$ ;  $12 \div 6 = 2$

Q36) 3 squares

Q37)  $\frac{5}{7}$ ,  $\frac{5}{9}$ ,  $\frac{5}{11}$

Q38) 7L and 8L

Q39) 34cm

Q40) 200g

### Section C

Q41)  $300 - 100 = 200$

$300 + 200 = 500$  marbles

Q42) a)  $2 \times 9 = 18$  pencils

b)  $18 \div 3 = 6$  pencils each

Q43) a)  $32 \div 4 = 8$  children in each group  
b)  $8 - 2 = 6$  girls in each group

Q44)  $9 \times 5 = 45$   
 $45 - 12 = 33$ L of paint

Q45)  $110 + 500 = 610$   
 $900 - 610 = \$290$  change

