HENRY PARK PRIMARY SCHOOL
2012 SEMESTRAL EXAMINATION II
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 of the following fractions is the smallest?

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

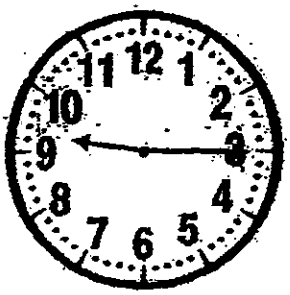
   (2) $\frac{1}{5}$

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

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

123

2. What is the time shown on the clock?



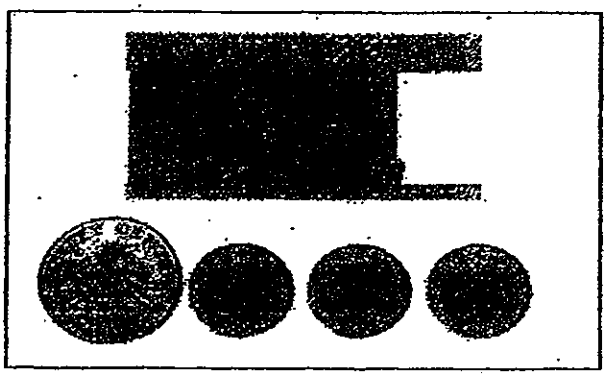
(1) 3.45

(2) 3.47

(3) 9.15

(4) 10.15 ( )

3. The total amount shown below is _____.



(1) $10.55

(2) $10.65

(3) $15.15

(4) $15.55 ( )

4. How many tens are there in 7 hundreds 90 ones?

(1) 9

(2) 79

(3) 90

(4) 790 ( )

5. 3 hundreds 3 tens + 600 = _____

(1) 603

(2) 633

(3) 903

(4) 930 ( )

6. Which of the following does <u>not</u> have the same value as 5 groups of 6?

(1) 5×6

(2) $5 + 6$

(3) $5 + 5 + 5 + 5 + 5 + 5$

(4) $6 + 6 + 6 + 6 + 6$ ( )

125

7. Jason's watch is 25 minutes fast. The time on his watch shows 8.25 p.m. now. What should the correct time be?

(1) 8:00 a.m.

(2) 8:00 p.m.

(3) 8.50 a.m.

(4) 8.50 p.m. ( )

8. The mass of a plastic toy car is about _____.

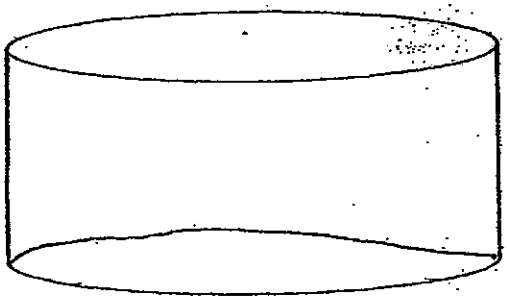
(1) 2 g

(2) 2 kg

(3) 200 g

(4) 200 kg ( )

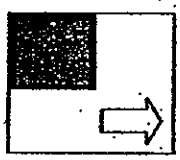
9. How many curved and flat surfaces does the cylinder have?

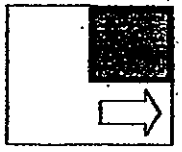


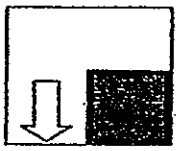
	Curved Surface	Flat Surface
(1)	1	2
(2)	2	2
(3)	3	0
(4)	0	3

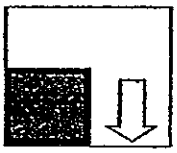
( )

10. Study the pattern below. What is the missing shape 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.

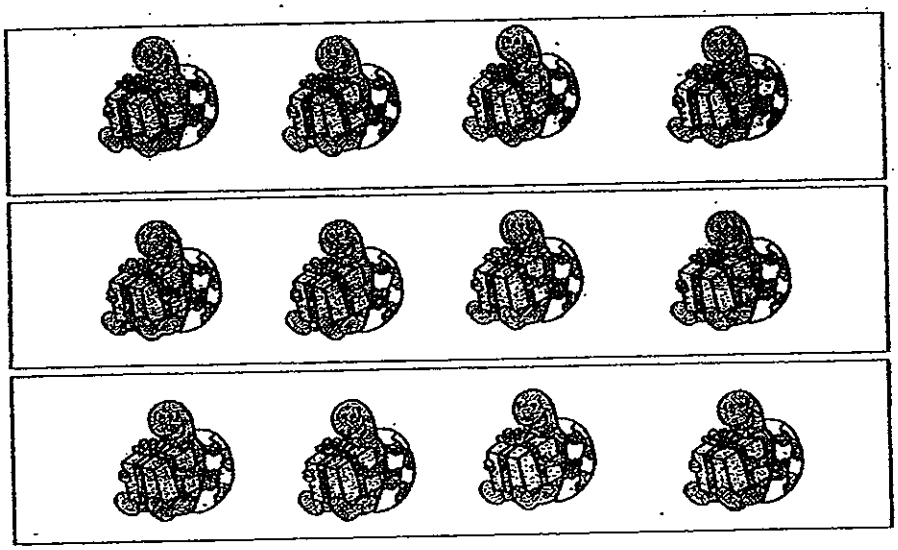
11. Arrange the numbers in order, beginning with the greatest.

598 895 589 985

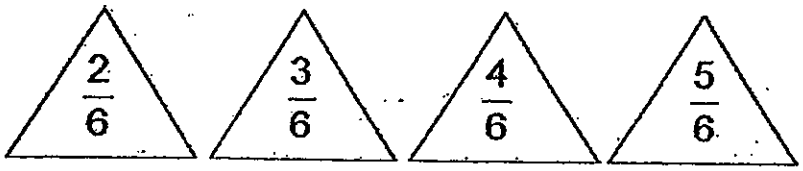
_____

greatest

12. Write a **division** sentence for the picture below.

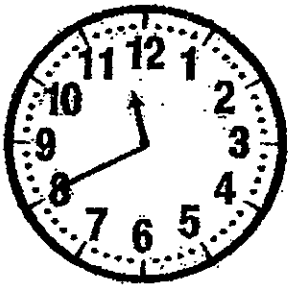


13. Which pair of fractions adds up to 1 whole?

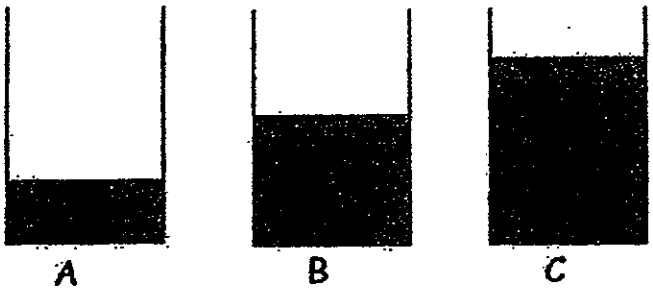


_____ and _____

14. The clock below shows _____ minutes before 12 o'clock.



15. Containers A, B and C each contain some water. Which container needs the most amount of water to be poured into it so that it is completely filled up?



Container

16. The picture graph below shows the number of hamburgers sold on Saturday and Sunday.

Number of hamburgers sold	
Saturday	
Sunday	

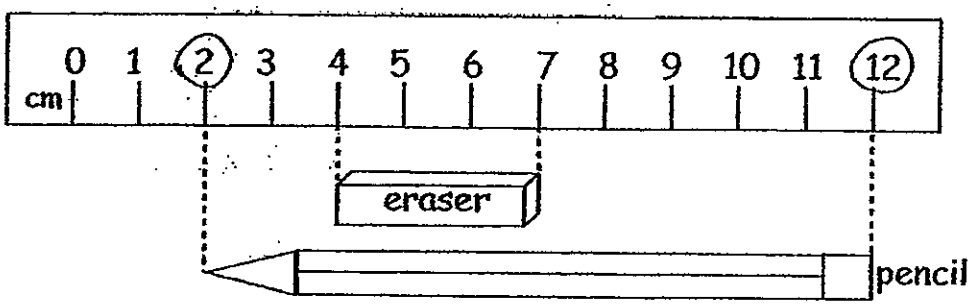
Each  stands for 5 hamburgers.

What is the total number of hamburgers sold on <u>Saturday and Sunday</u>?

17. 905¢ is the same as $_____.

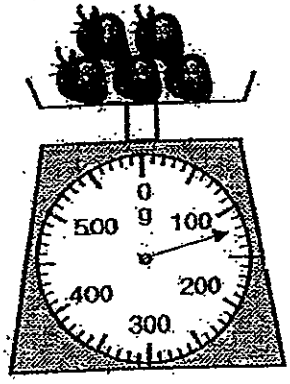
18. Look at the diagram below.

The pencil is longer than the eraser by _____cm.

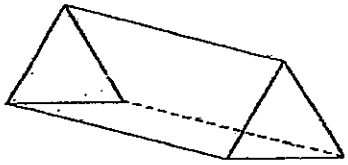


19. Look at the diagram below.

The mass of the strawberries is _____ g.



20. How many rectanaular faces are there in the figure shown below?

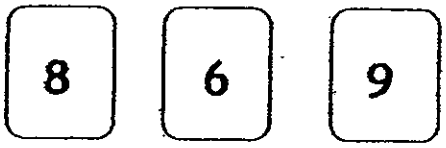


21. Complete the number pattern below by filling in the missing numbers in the boxes.

1000 , 850 , (a) , 550 , (b)

(a) _____ (b) _____

22. Kaylyn has the following cards. She used each of the digits once to form the **smallest 3-digit even** number. What was the number Kaylyn formed?



23.

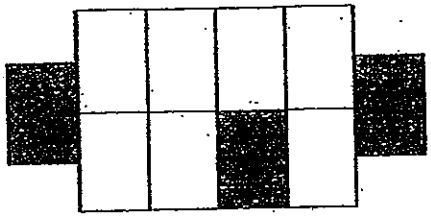
$$\begin{array}{r} 7\ 3\ 5 \\ -\ 3\ \boxed{A}\ 1 \\ \hline \boxed{B}\ 4\ 4 \\ \hline \end{array}$$

What do digits A and B stand for?

A =_____ , B =_____

24. A pizza was cut into 8 equal slices. Samuel ate 6 slices of it.
What fraction of the pizza was left?

25. The figure below is made up of 10 identical rectangles.
What fraction of the figure is **NOT** shaded?

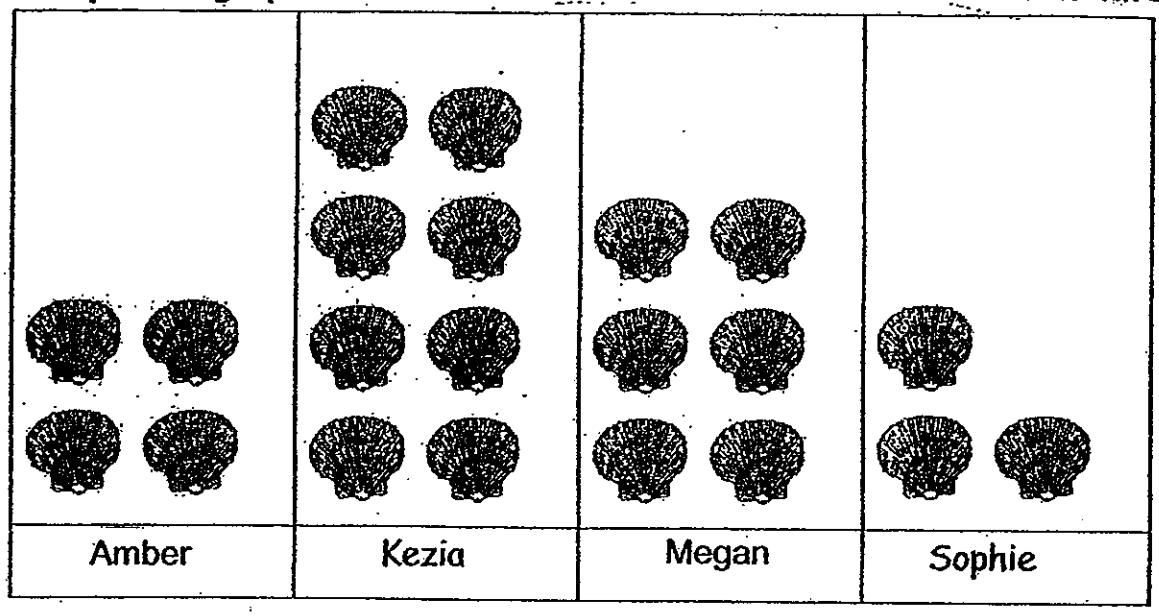


26. Clara swam for 30 minutes last evening.
She finished swimming at 7.45p.m.
At what time did she start swimming?

p.m.

Study the picture graph below and answer Question 27 and 28.

The picture graph below shows the number of seashells 4 children have.

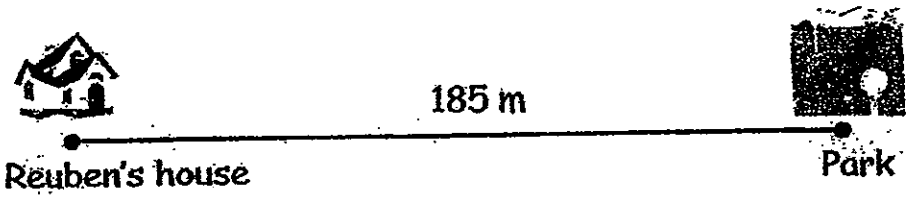


Each  stands for 4 seashells

27. How many more seashells did Megan have than Amber?

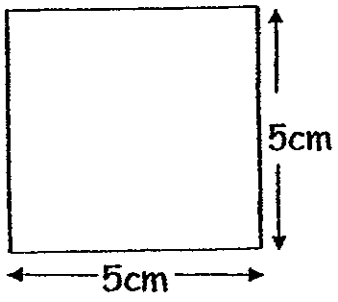
28. After Sophie received another 20 seashells from her mother, she would have the same number of seashells as _____.

29. Yesterday, Reuben jogged from his house to the park.
At the park, he jogged for 400m.
Then, he jogged back home from the park.
What was the total distance he jogged yesterday?



m

30. Brandan used a piece of wire to make the following square.
He then had 45cm of wire left. What was the length of wire he had at first?



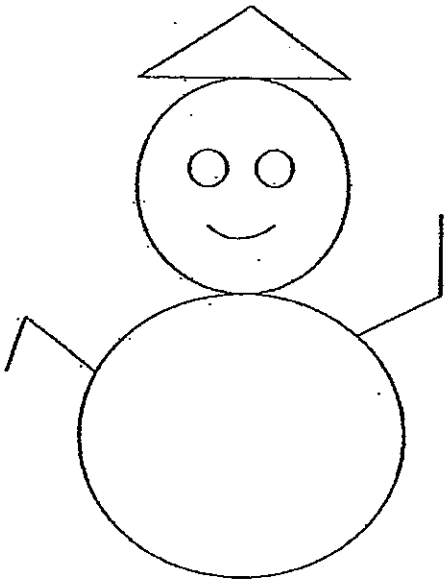
cm

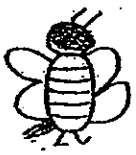
31. Fill in the blanks with **g** or **kg**.

(a) The mass of a 6-year old boy is about 20_____.

(b) The mass of a handphone is about 137_____.

32. Look at the figure below.
How many more straight lines than curved lines are there?



33.  +  = 128

 +  +  = 173

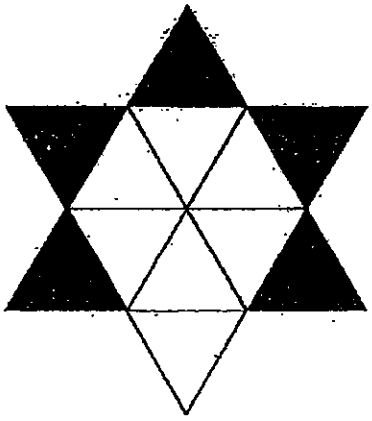
What is the value of  ?

34. The sum of two numbers is 379. The greater number is 239. What is the difference between the two numbers?

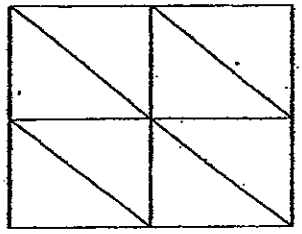
35. There were a total of 5 cows and ducks on a farm.
The total number of legs belonging to these cows and ducks was 14.
How many cows were there?

cows

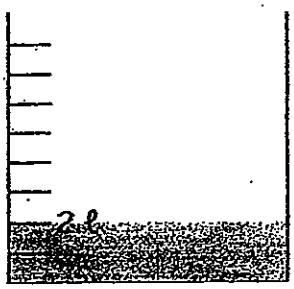
36. How many more triangle(s) must be shaded so that $\frac{1}{2}$ of the figure is shaded?



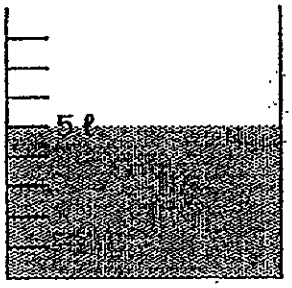
37. Shade the part(s) of the figure to show $\frac{1}{4}$.



38. Mary has a container of oil and a container of water.
How much more water than oil does Mary have ?



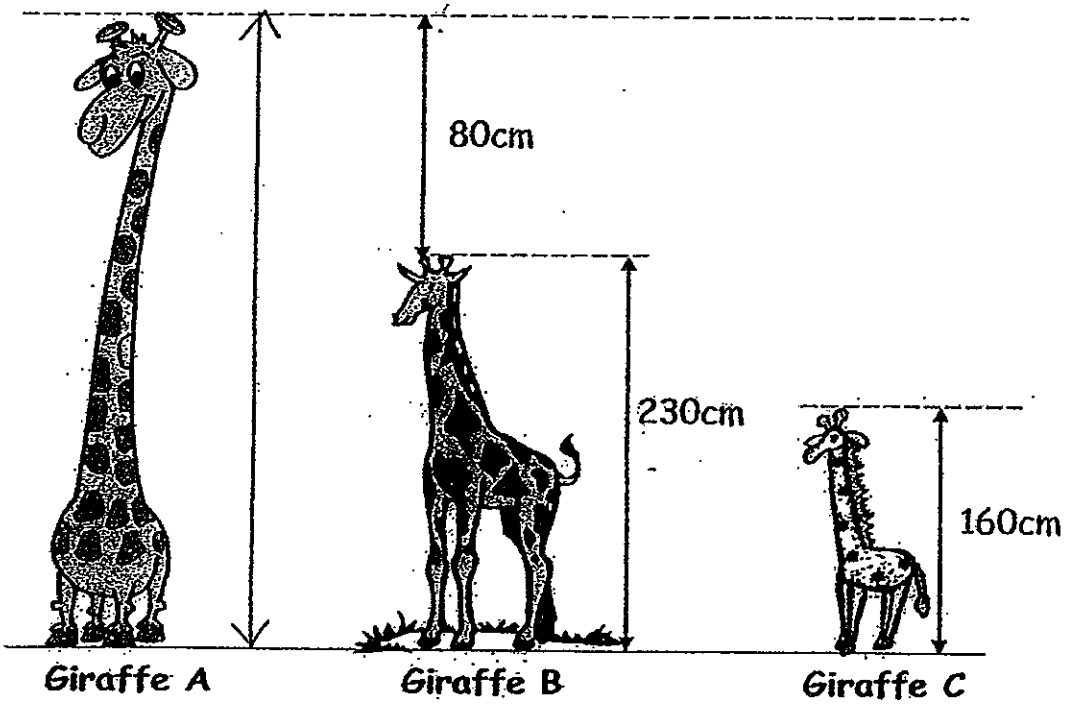
Oil



Water

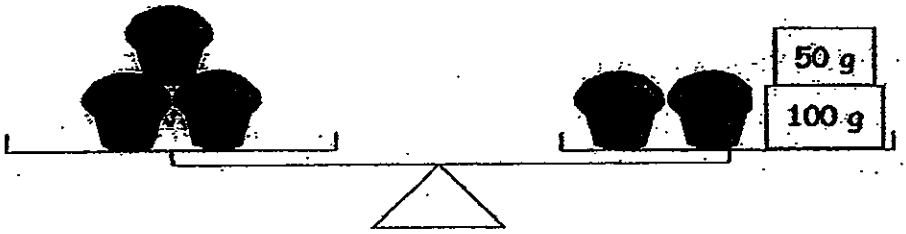
Ans: _____ ℓ

39. The diagram below shows 3 giraffes.
How much taller is Giraffe A than Giraffe C?



cm.

40. Study the diagram below.
Each chocolate muffin has the same mass.
What is the mass of 3 chocolate muffins?



g

Section C: (5 x 4 marks)

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

41. Mrs Tay baked 354 cupcakes.
She baked 135 fewer cupcakes than Mrs Lam.
How many cupcakes did they bake altogether?

Working

42. Emily bought some lollipops.
She ate 5 of them and gave the remaining to 10 friends.
Each friend had 7 lollipops. How many lollipops did Emily buy?

Working

43. Rachel bought 8 cartons of mangoes.
There were 5 mangoes in each carton.
She divided all the mangoes equally among 4 friends.
How many mangoes did each friend receive?

Working

44. Bottle A contained 42 ℓ of orange juice.
After Matthew poured 10 ℓ of orange juice from Bottle A to Bottle B, both bottles contained the same amount of orange juice. How many litres of orange juice were there in Bottle B at first?

Working

45. A school bag cost $56 and a pair of socks cost $4.
Gareth bought a school bag and 6 pairs of socks.
How much did he spend altogether?

Working

-END OF PAPER-

Setter: Mrs R. Goh

ANSWER SHEET

EXAM PAPER 2012
SCHOOL : HENRY PARK PRIMARY SCHOOL
SUBJECT : PRIMARY 2 - MATHEMATICS
TERM : SA2

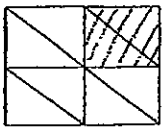
Section A

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

Section B

11. 985, 895, 598, 589
12. 12÷3=4
13. 2/6 and 4/6
14. 20
15. A
16. 35
17. $9.05
18. 7
19. 120
20. 3
21a. 700
21b. 400
22. 698
23. A=9, B=3
24. 2/8
25. 7/10
26. 7.15pm
27. 8
28. Kezia
29. 770m
30. 65cm

31a. kg
31b. g
32. 2
33. 45
34. 99
35. 2
36. 1
37.



38. 3
39. 150cm
40. 450g
41. 354+135=489
354+489=843
They bake 843 cupcakes altogether.
42. 10x7=70
70+5=75
Emily bought 75 lollipops.
43. 8x5=40
40÷4=10
Each friend will receive 10 stamps.
44. 42-10=32
32-10=22
There are 22 litres of orange juice in Bottle B at first.
45. 6x$4=$24
$24+$56=$80
He spent $80 altogether.