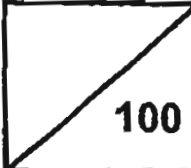




Rosyth School  
Semestral Assessment 2011  
Mathematics  
Primary 2

Total 

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

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

Register No. \_\_\_\_\_

Duration: 1h 30 min

Date: 31 October 2011

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

Instructions to Pupils:

1. Do not open this booklet until you are told to do so.
2. Follow all instructions carefully.
3. This paper consists of 3 parts, Sections A, B and C.
4. ANSWER ALL THE QUESTIONS.
5. Check all answers carefully.

	Maximum	Marks Obtained
Section A	20	
Section B	60	
Section C	20	
Total	100	

\* This paper consists of 21 pages altogether.

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## Section A (20 marks)

Questions 1 to 10 carry 2 marks each.

For each question, four choices are given. Choose the correct answer and write its number (1, 2, 3 or 4) in the brackets ( ) provided.

---

1.  $509 + 235 =$  \_\_\_\_\_

(1) 746

(2) 744

(3) 734

(4) 274

( )

2. 3 hundreds 7 tens 1 one can also be written as \_\_\_\_\_

(1) 37

(2) 317

(3) 371

(4) 731

( )

3.  $686 - 139 =$  \_\_\_\_\_

(1) 825

(2) 757

(3) 557

(4) 547

( )

4.  $10 \times 2$  is the same as \_\_\_\_\_.

(1)  $2 + 2$

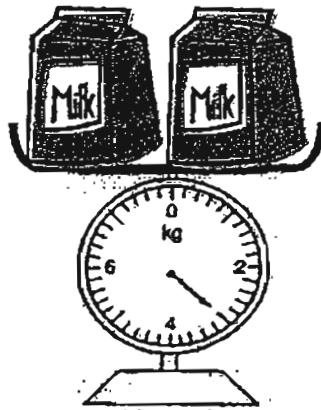
(2)  $10 + 2$

(3) 5 groups of 2

(4) 10 groups of 2

( )

5. What is the mass of 4 packets of milk?



(1) 6 kg

(2) 2 kg

(3) 3 kg

(4) 4 kg

( )

6.



$$\frac{9}{9} - \frac{2}{9} = \underline{\hspace{2cm}}$$

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

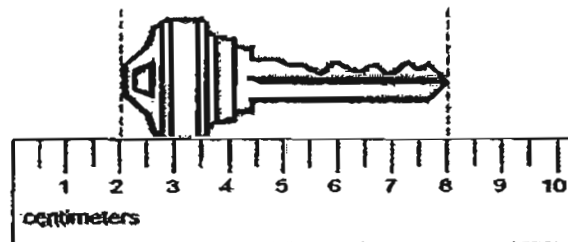
(2)  $\frac{3}{9}$

(3)  $\frac{7}{9}$

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

( )

7. The length of the key is about \_\_\_\_\_ cm.



(1) 6

(2) 2

(3) 8

(4) 10

( )

8. Which one of the following shows the fractions arranged from the greatest to the smallest?

(1)  $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{1}{4}$

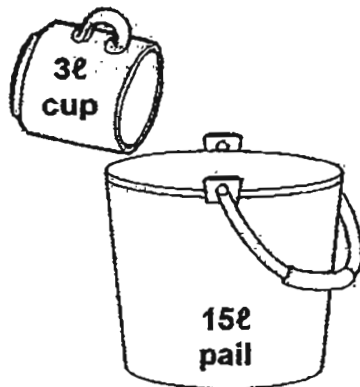
(2)  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{1}{2}$

(3)  $\frac{1}{4}$ ,  $\frac{1}{3}$ ,  $\frac{1}{2}$

(4)  $\frac{1}{3}$ ,  $\frac{1}{2}$ ,  $\frac{1}{4}$

( )

9. The pail can hold 15ℓ of water.  
How many cups of water are needed to fill up the pail to the top?



(1) 1

(2) 5

(3) 12

(4) 18

( )

10. Sally has 2 fifty-cent coins, 2 twenty-cent coins and 3 ten-cent coins. How much does she have in all?

(1) \$0.70

(2) \$1.20

(3) \$1.50

(4) \$1.70

( )

## Section B (60 marks)

Questions 11 to 40 carry 2 marks each.

Write your answers in the boxes provided.

---

11. Write eight hundred and sixty-nine in numerals.

Answer:

12. In 378, the digit \_\_\_\_\_ is in the tens place.

Answer:

13. What is the sum of 123, 42 and 5?  
The answer is \_\_\_\_\_.

Answer:

14.  $600 - 376 =$  \_\_\_\_\_

Answer:

15.  $592 + 308 =$  \_\_\_\_\_

Answer:

16. 70, \_\_\_\_\_, 50, 40, 30

Answer:

17. Tom puts \$2 into his piggy bank every Monday, Wednesday and Friday.  
How much will he have after 2 weeks?

Answer: \$

18. Farmer Joe has 12 seeds.  
He wants to plant them in 3 equal rows.  
How many seeds will there be in each row?

Answer:  seeds

19. Helen and Jane went for dinner.  
Helen paid \$15 more than Jane.  
Jane paid \$10.  
How much did they pay altogether?

Answer: \$

20.  $\frac{1}{5} + \frac{2}{5} + \frac{2}{5} =$  \_\_\_\_\_

Answer:



21. Siti cut a ribbon into 8 equal parts.  
She used  $\frac{3}{8}$  of the ribbon to make a bow.  
What fraction of the ribbon was not used?

Answer:

22. Look at the figure below.  
The fraction of the shaded parts is \_\_\_\_\_.



Answer:

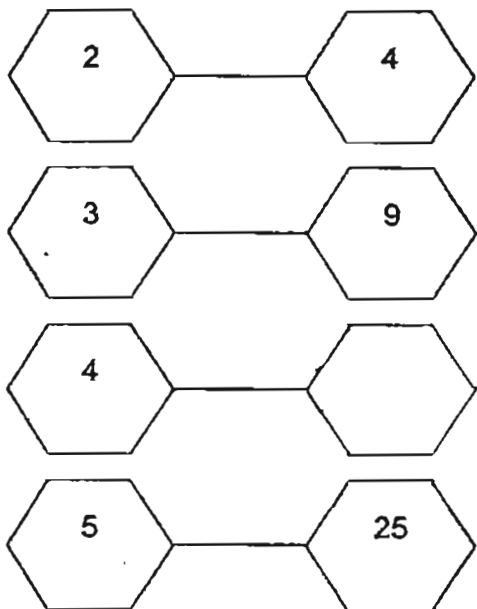
23. Look at the statements below and answer the question.

$$A + B = 10$$
$$B - A = 2$$

What is A?

Answer:

24. Study the pattern carefully.  
What is the missing number?



Answer:

25. What fraction must be added to the coloured part to make a whole?

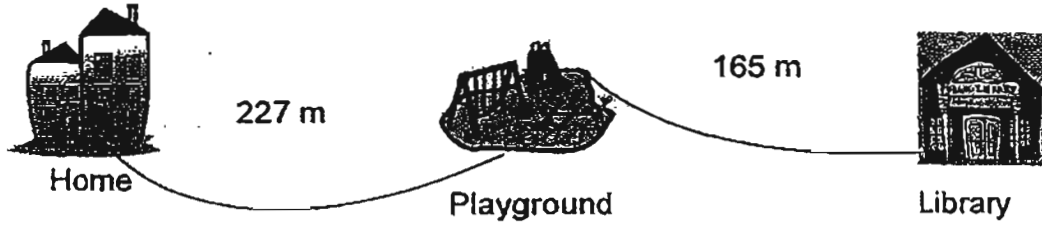


Answer:

26. Write your answer in the boxes below.

$$\begin{array}{r}
 7 \quad 5 \quad \square \\
 - \quad 1 \quad \square \quad 3 \\
 \hline
 5 \quad 6 \quad 6
 \end{array}$$

27. Danny cycled from home to the library.  
Find the total distance Danny cycled.



Answer:

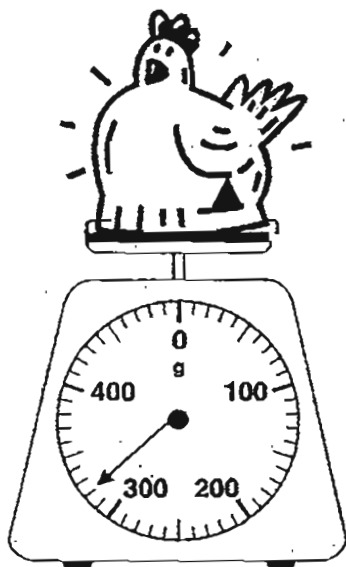
m

28. Tom is 126 cm tall.  
He is 35 cm shorter than his sister.  
Find the height of Tom's sister.

Answer:

cm

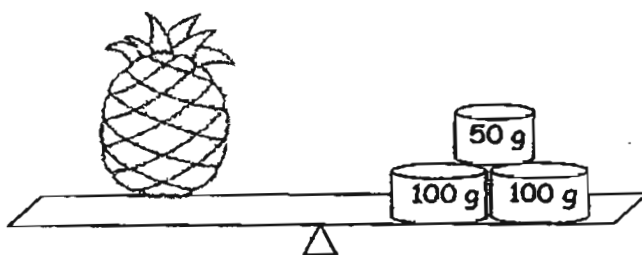
29. Study the diagram below carefully.




The mass of the chicken is \_\_\_\_\_.

Answer:  g

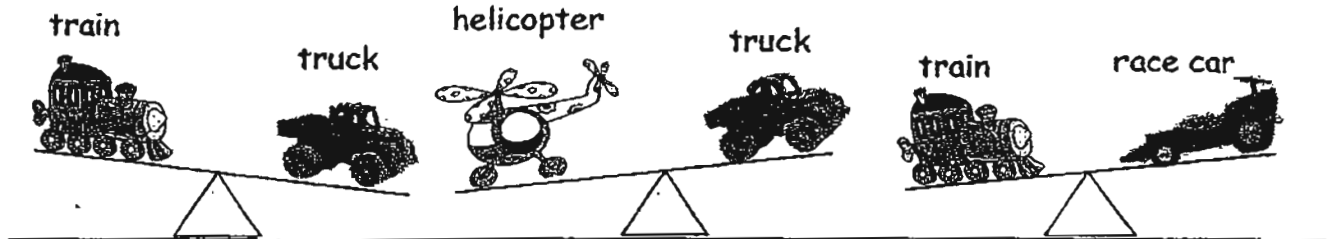
30. Look at the picture below.



What is the mass of the  ?

Answer:  g

Study the diagram below and answer questions 31 and 32.



31. Which toy is the heaviest?

Answer:

32. The \_\_\_\_\_ is heavier than the race car but lighter than the truck.

Answer:

33. There are 691 apples in Basket A.  
There are 268 oranges in Basket B.  
How many fruits are there altogether?

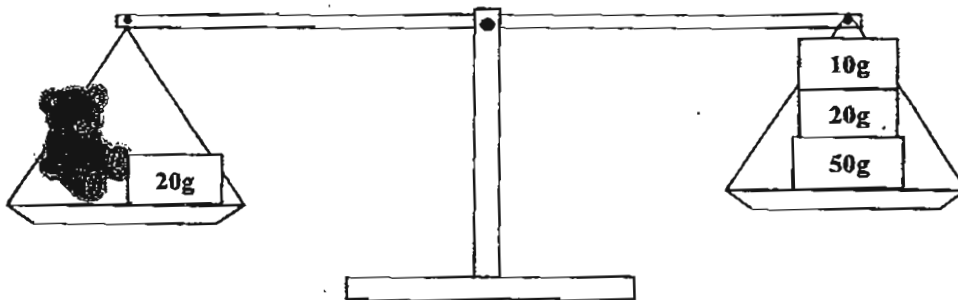
Answer:


fruits

34. Mrs Lee had 3 two-dollar notes and 1 one-dollar coin.  
After paying \$5 for some fruits, how much had she left?

\$
----

35. Study the diagram below carefully.



What is the mass of  ?

Answer: 

g
---

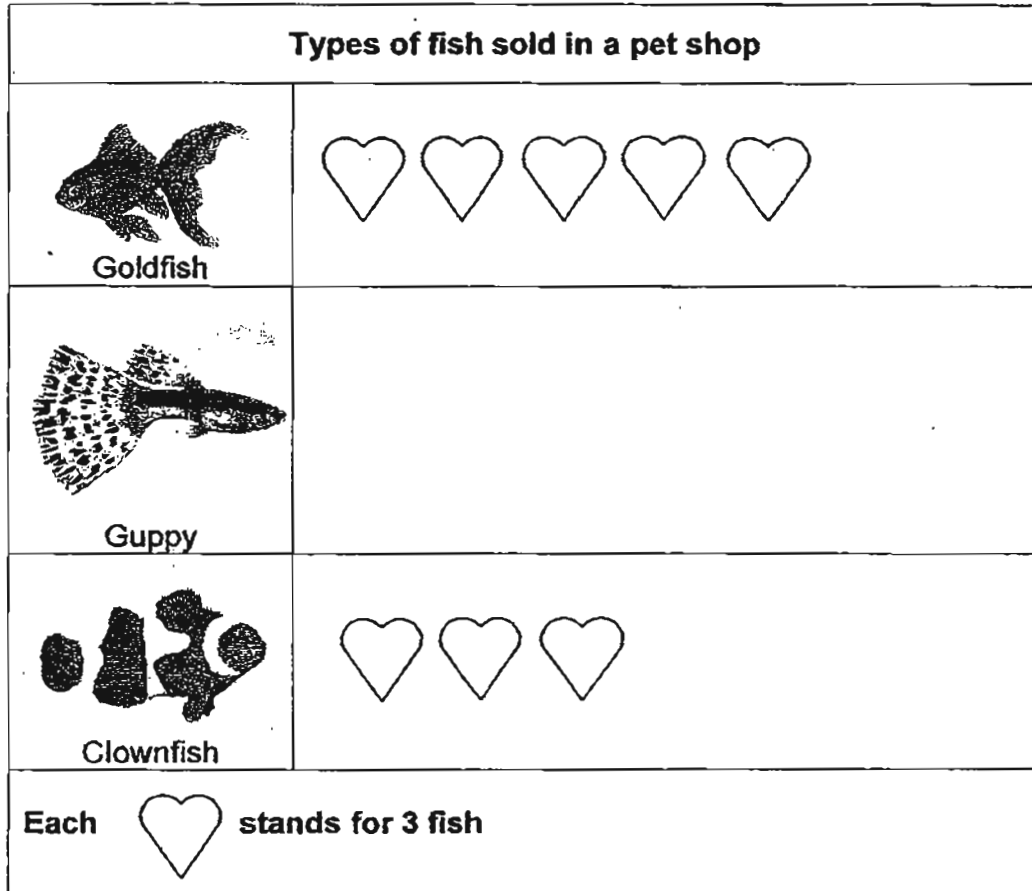
36. 40 litres of paint are needed to paint a room.  
There are 5 litres of paint in each can.  
How many cans are needed to paint the room?




Answer: 

cans
------

Study the graph below and answer questions 37 and 38.



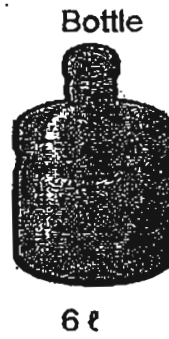
37. There were 3 more guppies than clownfish being sold in the shop.

Draw in the correct number of  for the number of guppies sold.

38. There were \_\_\_\_\_ goldfish and clownfish altogether.

Answer:

39. Study the diagram below and fill in the blanks.



a) How many kettles can fill the bottle completely?

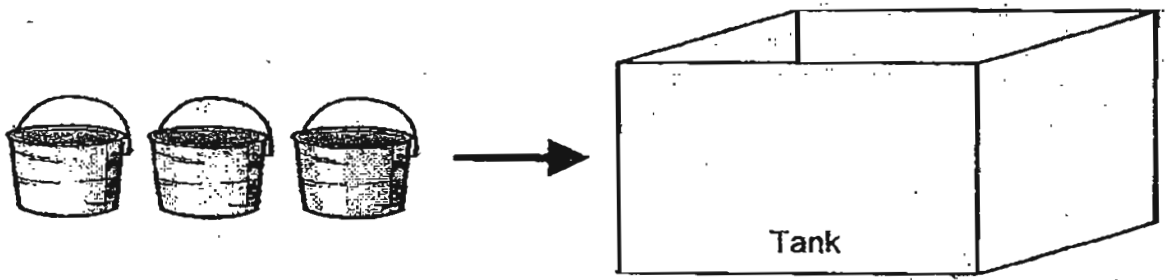
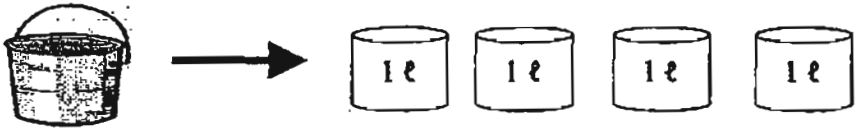
(a)

b) How many jugs are needed to fill the bottle completely?

(b)



40.



The total volume of the tank is \_\_\_\_\_.

Answer:

**Section C (20 marks)**

Read the following questions carefully.

Show your workings clearly in the space provided.

---

41. Gabriel had 935 red and blue marbles.

- (a) If there were 387 red marbles, how many were blue?
- (b) How many fewer red marbles than blue marbles were there?

Working

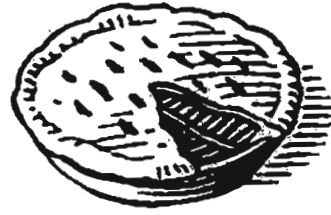
(a) \_\_\_\_\_

(b) \_\_\_\_\_

42. Mother baked a pie.

She gave  $\frac{1}{7}$  of the pie to her neighbour and  $\frac{3}{7}$  of the pie to her son.

What fraction of the pie had she left?



Working

The picture graph below shows the number of pupils who played at Play @ MLC for a week.

Day	Number of Pupils
Monday	☺ ☺ ☺ ☺ ☺
Tuesday	☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺ ☺
Wednesday	☺ ☺ ☺
Thursday	☺ ☺ ☺ ☺
Friday	☺ ☺ ☺ ☺ ☺ ☺ ☺
Each ☺ stands for 4 pupils	

- (a) How many more pupils were there on Friday than on Wednesday?
- (b) If 19 of the pupils who played at Play @ MLC on Tuesday were boys, how many girls were there on Tuesday?

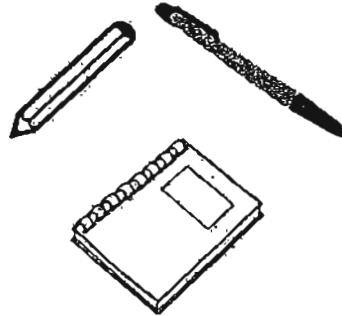
Working

(a) \_\_\_\_\_

(b) \_\_\_\_\_

44. A pencil costs \$2.  
A pen costs \$5 more than a pencil.  
A notebook costs \$3 more than a pen.

- (a) What is the cost of the pen?  
(b) What is the cost of the notebook?



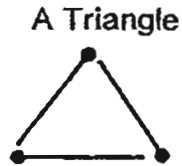
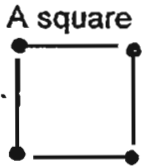
Working

(a) \_\_\_\_\_

(b) \_\_\_\_\_

45. John made a total of 7 squares and triangles.  
He used 4 matchsticks to make a square and 3 matchsticks to make a triangle.  
If he uses a total of 25 matchsticks,

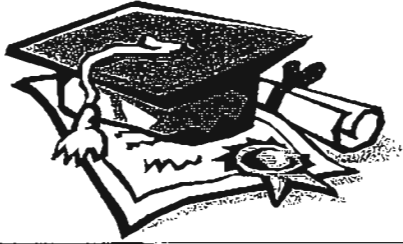
- (a) How many squares did he make?
- (b) How many triangles did he make?



Working

(b) \_\_\_\_\_

**= END OF PAPER =**

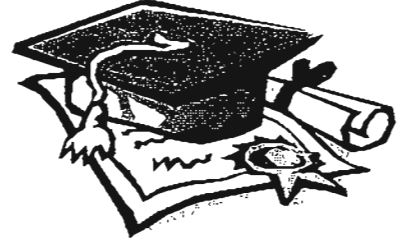


# ANSWER SHEET


## EXAM PAPER 2011

SCHOOL : ROSYTH  
SUBJECT : PRIMARY 2 MATHEMATICS

TERM : SA2



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

- 11)869      12)7      13)170      14)224      15)900      16)60  
17)\$12      18)4 seeds      19)\$35      20)5/5      21)5/8  
22)2/7      23)4      24)16      25) 1/4      26)759 – 193 = 566  
27)392m      28)161cm      29)320g      30)250g      31)helicopter  
32)train      33)595 fruits      34)\$4      35)60g      36)8 cans  
37)       38)24      39)a)2      b)3      40)12L

41)a)  $935 - 387 = 548$

There were 548 marbles.

b)  $548 - 387 = 161$

There were 161 fewer red marbles than blue marbles.

42)  $1/7 + 3/7 = 4/7$

$7/7 - 4/7 = 3/7$

She had  $3/7$  of pie.

43)a)  $28 - 12 = 16$

There were 16 more pupils on Tuesday than Wednesday.

b)  $36 - 19 = 17$

There were 17 girls.

44)a)  $\$2 + \$5 = \$7$

The pen cost \$7.

b)  $\$7 + \$3 = \$10$

The notebook cost \$10.

45)a) He made 4 squares.

b) He made 3 triangles.