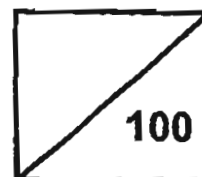# Rosyth School
Semestral Assessment 2011
Mathematics
Primary 2

Total [/ 100]

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.

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   (   )

1

4. 10 × 2 is the same as _____.

   (1) 2 + 2
   (2) 10 + 2
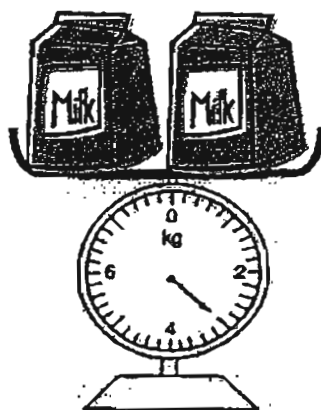   (3) 5 groups of 2
   (4) 10 groups of 2   (   )

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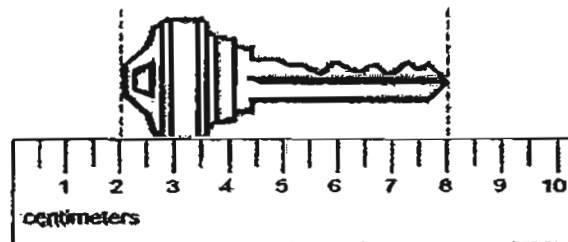
(2) $\frac{3}{9}$

(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　　　　　　　　　　　　　　　　　　(　)

3

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

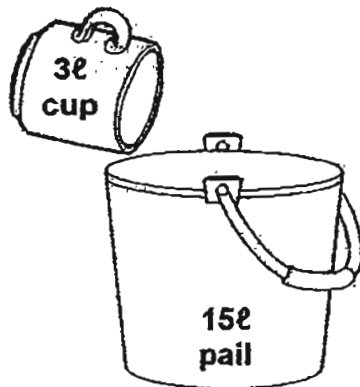(1) $\dfrac{1}{2}$, $\dfrac{1}{3}$, $\dfrac{1}{4}$

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

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

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

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

3ℓ cup

15ℓ pail

(1) 1   (   )
(2) 5
(3) 12
(4) 18

4

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: _____

6

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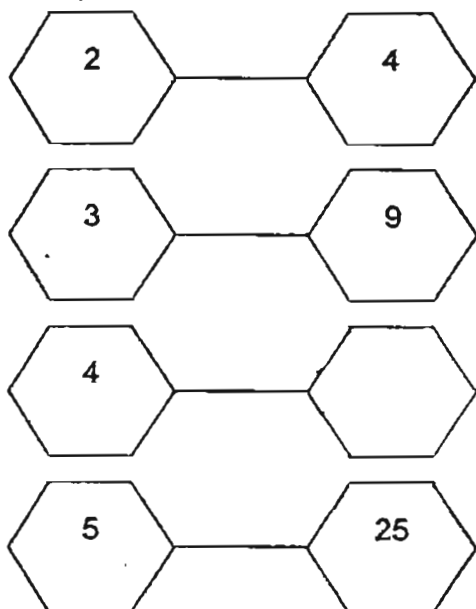
23. Look at the statements below and answer the question.

A + B = 10
B − A = 2

What is A?

Answer: _____

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

2 — 4

3 — 9

4 —

5 — 25

Answer:

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

Answer:

26. Write your answer in the boxes below.

```
   7  5  □
-  1  □  3
   5  6  6
```

9

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

227 m

165 m

Home

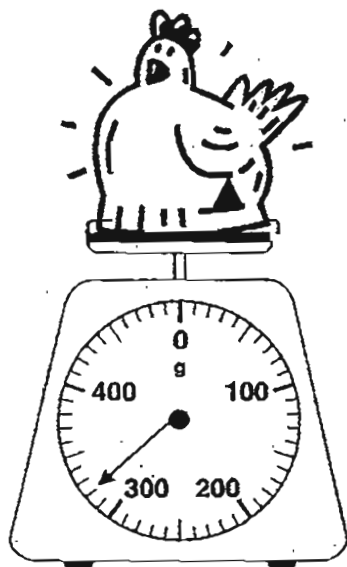Playground

Library

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

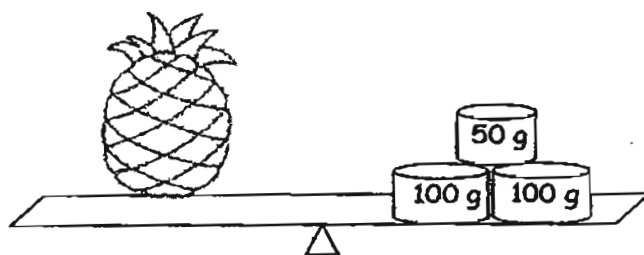29. Study the diagram below carefully.

The mass of the chicken is _____.

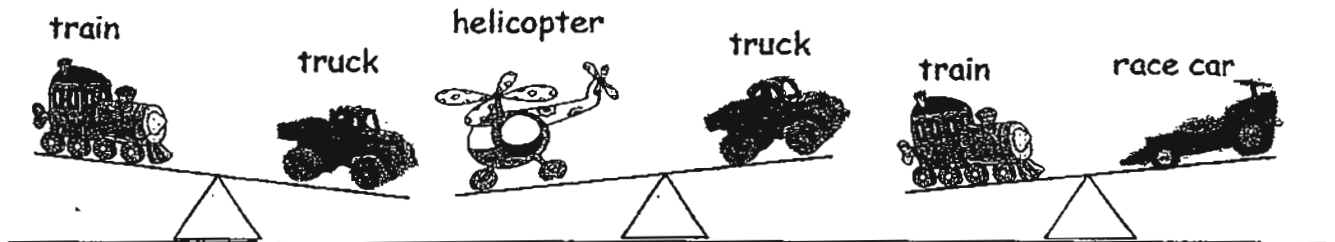Answer: [   ] g

30. Look at the picture below.

What is the mass of the 🍍 ?

Answer: [   ] g

Study the diagram below and answer questions 31 and 32.

train   truck   helicopter   truck   train   race car

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 Basket B.
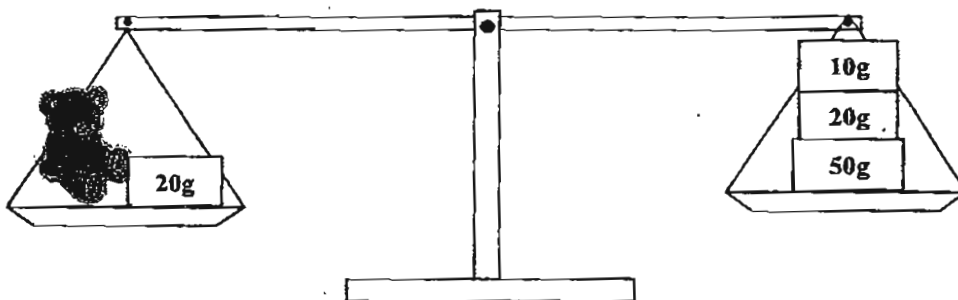   How many fruits are there altogether?

Answer: [fruits   ]

12

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

$\qquad$ $ \boxed{\quad \$ \qquad}$

35. Study the diagram below carefully.
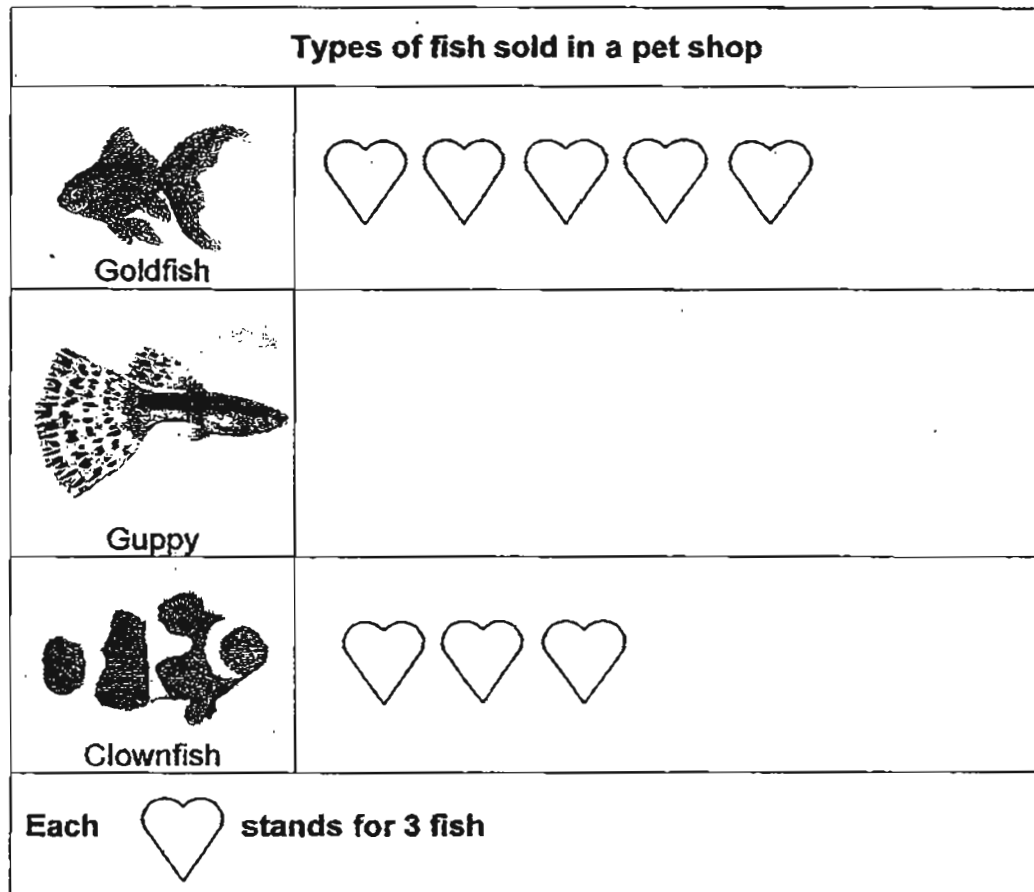

What is the mass of 🐻 ?

Answer: $\boxed{\qquad \text{g}}$

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: $\boxed{\qquad \text{cans}}$

13

Study the graph below and answer questions 37 and 38.

Types of fish sold in a pet shop	
Goldfish	♡ ♡ ♡ ♡ ♡
Guppy	
Clownfish	♡ ♡ ♡
Each ♡ stands for 3 fish	

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: [   ]
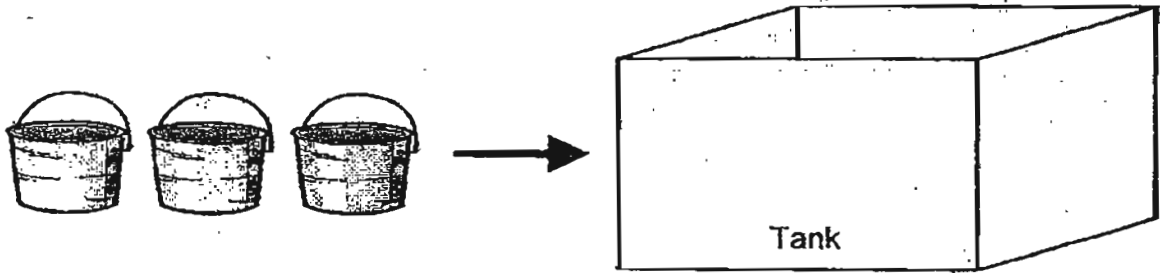
14

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

Bottle

Kettle

Jug

2 ℓ

3 ℓ

6 ℓ

a) How many kettles can fill the bottle completely?

(a) ☐ kettles

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

(b) ☐ jugs

40.

The total volume of the tank is _____.

Answer: |_____ ℓ |

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?
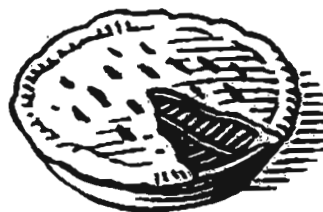   (b)   How many **fewer** red marbles than blue marbles were there?
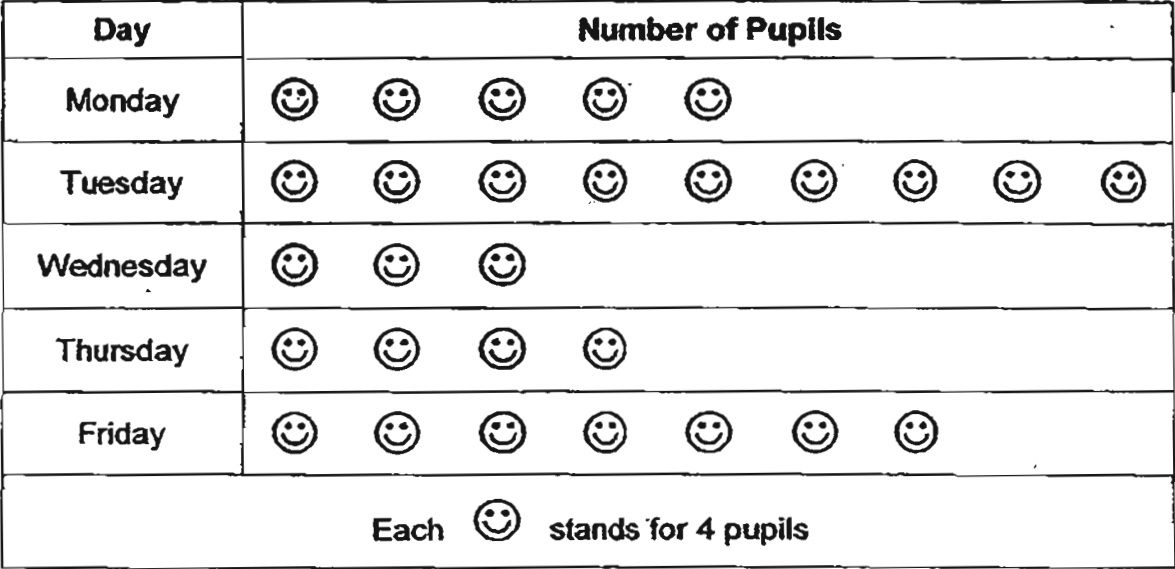
Working

(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?

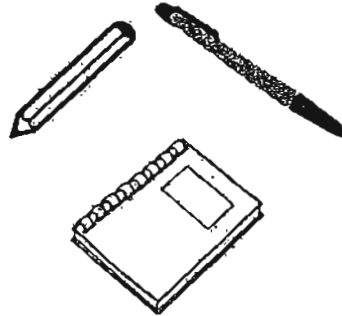(b) If 19 of the pupils who played at Play @ MLC on Tuesday were boys, how many girls were there on Tuesday?

Working

(a) _____

(b) _____

19

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?

    (a) _____

Working

    (b) _____

20

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) ¼   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
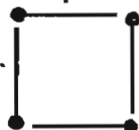The notebook cost $10.

45)a)He made 4 squares.
   b)He made 3 triangles.

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?

A square

A Triangle

Working

(b) _____

= END OF PAPER =