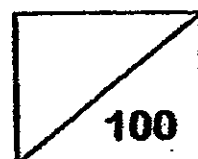# Rosyth School
Second Semestral Assessment 2012
Mathematics
Primary 2

Name: _____

 100

Class: Pr 2 - _____   Register No.: _____   Duration: 1h 30 min

Date: 29ᵗʰ October 2012   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.

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

* This paper consists of 20 pages altogether (including cover page).

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1

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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.   4 tens 9 ones = _____.

    (1) 9

    (2) 40

    (3) 49

    (4) 409   (   )

2. $9 + 9 + 9 + 9 + 9 = $ _____ $\times 9$

    (1) 5

    (2) 9

    (3) 36

    (4) 45   (   )
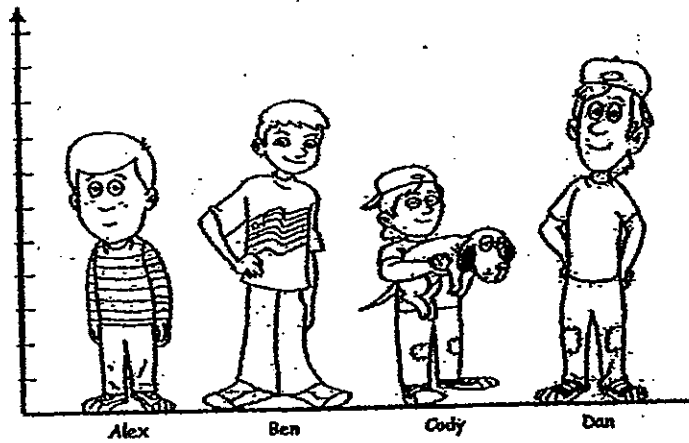
3   Which of the following fractions is the smallest?

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

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

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

    (4) $\frac{1}{6}$ (   )
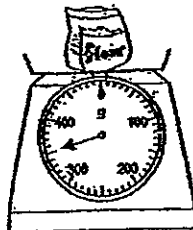
4. Look at the diagram below.
Who is the shortest boy?

(1) Alex
(2) Ben
(3) Cody
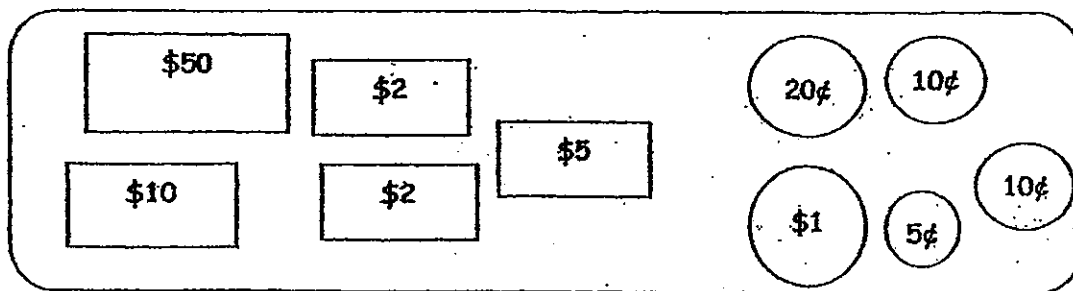(4) Dan   ( )

5. The mass of the pack of flour is _____ .
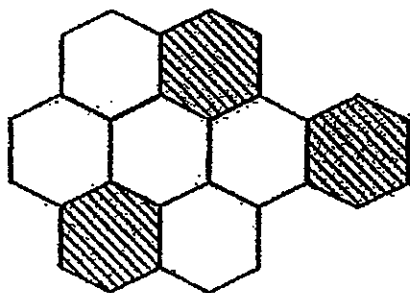
(1) 300 g
(2) 350 g
(3) 400 g
(4) 450 g   ( )

29

6. The total amount of money shown below is _____.

$50

$2

$10

$2

$5

20¢

10¢

10¢

$1

5¢

(1) $67.45
(2) $69.45
(3) $70.45
(4) $70.90

( )

7. What is the fraction of the shaded part?

(1) $\dfrac{3}{8}$

(2) $\dfrac{5}{8}$

(3) $\dfrac{3}{5}$

(4) $\dfrac{5}{3}$

( )

4

8. The sum of 435 and 363 is _____.

(1) 698

(2) 708

(3) 798

(4) 808 ( )

9. $200 - 66 =$ _____.

(1) 133

(2) 134

(3) 144

(4) 234 ( )

10. Look at the picture below.

What is the volume of the pot?

 = 2ℓ

 = pot

(1) 6 ℓ
(2) 2 ℓ
(3) 3 ℓ
(4) 10 ℓ ( )

5

31

Section B (60 marks)
Questions 11 to 40 carry 2 marks each.
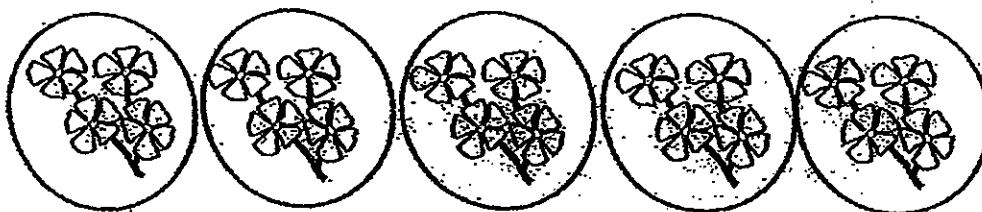Write your answers in the boxes provided.

11.   In 809, the digit _____ is in the tens place.

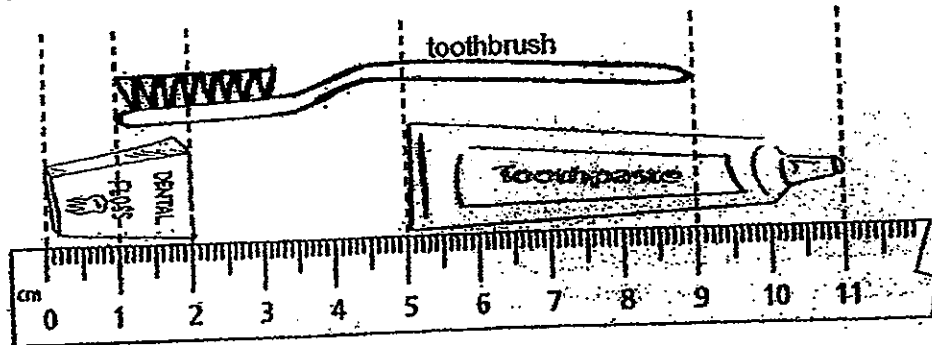Answer: [ ]

12.   The sum of 122 and 643 is _____ .

Answer: [ ]

13.
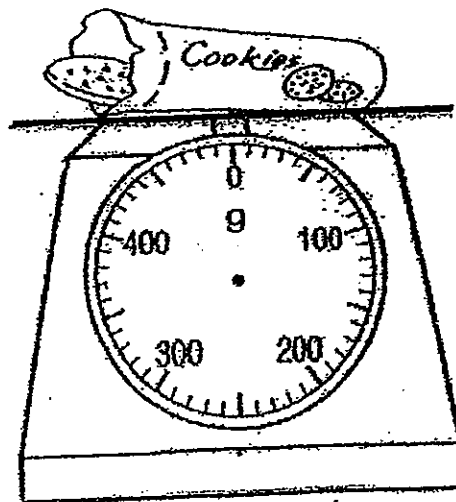

Write a multiplication sentence for the picture above.

[ ] X [ ] = [ ]

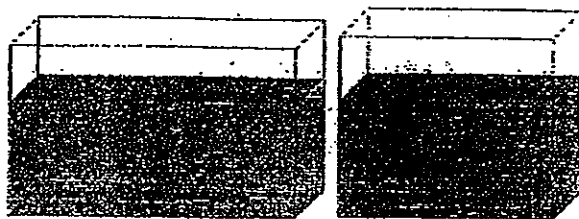14. Fill in the blanks with the word 'longer' or 'shorter'.

(a) The dental floss is [_____] than the toothpaste.

(b) The toothbrush is [_____] than the toothpaste.

15. Draw an arrow on the scale to show that the cookies weigh 370 g.

7

33

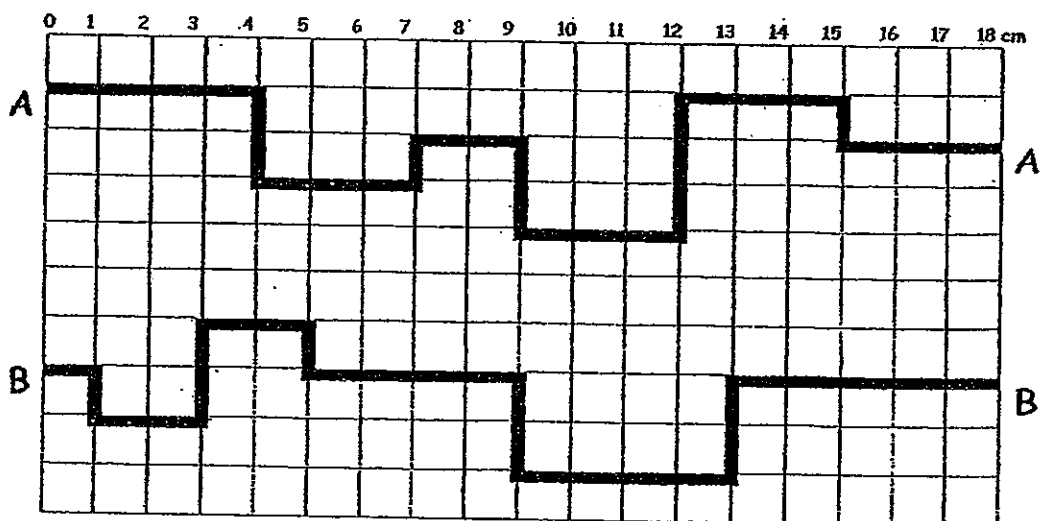16. What is the total volume of water in both containers?

Container A   Container B

Answer: [ℓ]

17. Arrange the fractions below in order, beginning with the greatest.

$$\frac{5}{7} \quad , \quad \frac{2}{7} \quad , \quad \frac{7}{7}$$

[_____ , _____ , _____]

18. Study the figure below.

(a) What is the length of Line A?   Answer: [cm]
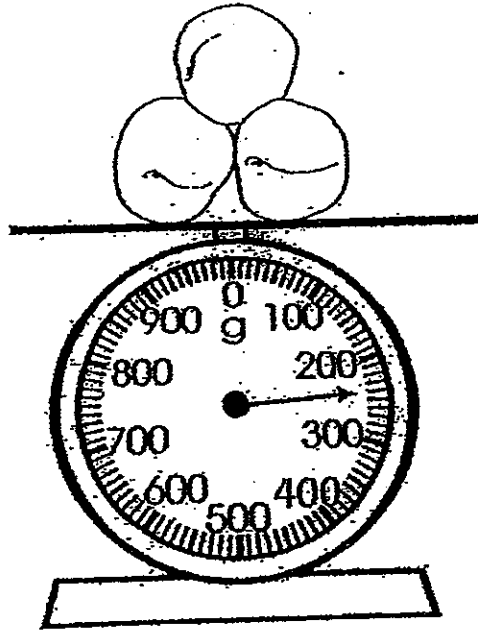
(b) What is the length of Line B?   Answer: [cm]

19. Study the scale below.

What is the mass of the 3 peaches?

Answer: [   ] g

20. Study the sum below and fill in the blanks below.

```
    [    ]    5    2
+     2    [    ]    8
_____
      9    9    0
_____
```

21. _____ tens - 7 ones = 193

Answer: [   ]

22. The difference between the greatest 3 digit number and 527 is _____.
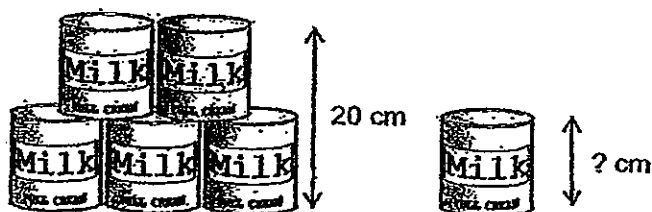
Answer: [ ]

23. Mrs Lee gave 5 boys and 4 girls 2 sweets each.
How many sweets did Mrs Lee give away?

Answer: [sweets]

24. Henry has 24 marbles.
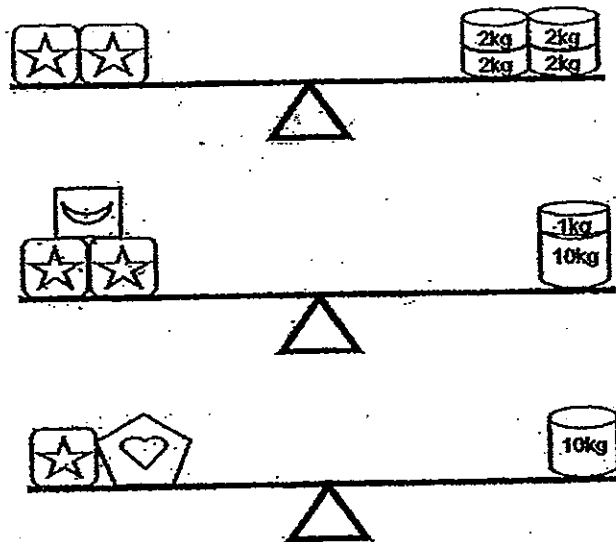He puts 4 marbles in one jar.
How many jars does he need?

Answer: [jars]

25.

What is the height of one tin of milk?

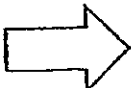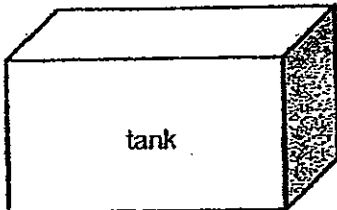Answer: [cm]

Study the diagram below and answer questions 26 to 28.
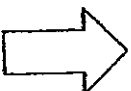
26. The mass of ☆ is [_____] kg

27. The mass of ⌣ is [_____] kg

28. The mass of ♡ is [_____] kg

29.

glasses ⊔ ⊔ ⟹ 1 ℓ

tank ⟹ 8 ℓ

How many glasses of water are needed to fill up the tank?

Answer: [_____ glasses]

37

30. Look at the diagram below.

2 toy cars for   Toy train   Toy aeroplane
$10 $20 $50
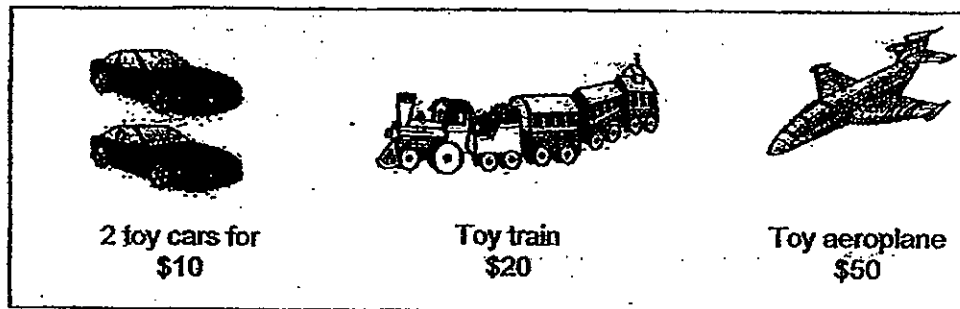
Ahmad bought 4 toy cars, 1 toy train and 2 toy aeroplanes.
How much did he spend altogether?

Answer: $ [   ]

31. Karen bought a cake and cut it into 8 equal pieces.
She ate 7 pieces of the cake.
What fraction of the cake was left?

Answer: [   ]

32. What fraction of the figure below is shaded?
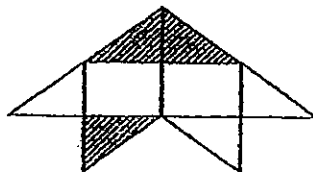
Answer: [   ]

Study the graph below carefully and answer questions 33 and 34.

Number Of Cupcakes Bought

Ali	Bala	Carl	Darren

Each 🧁 stands for 4 cupcakes
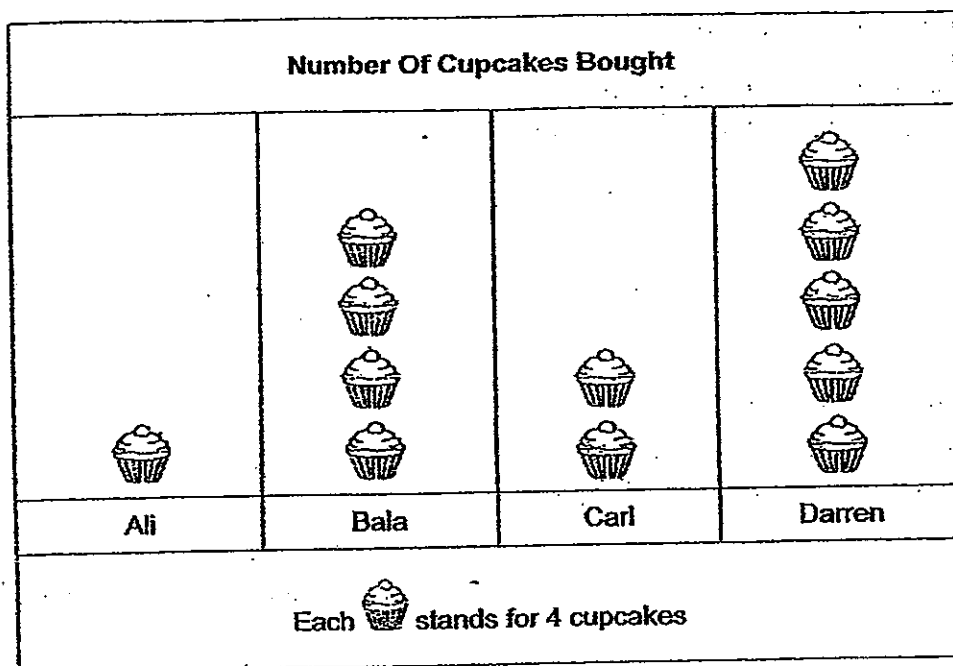
33. Ali bought _____ fewer cupcakes than Darren.

Answer: [   ]

34. If each cupcake cost 50 cents, how much did Carl pay for his cupcakes?

Answer: [$]

39

35. A pizza was cut into 12 equal slices.

Peter ate $\frac{5}{12}$ of the pizza.

His sister ate 2 slices of the pizza.
What fraction of the pizza was left?

Answer: _____

36. Jane has 50 stamps.
She has 12 stamps more than Bala.
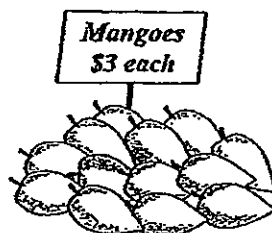How many stamps does Bala have?

Answer: _____ stamps

37. Tom bought 7 shirts.
He gave the cashier $100.
How much change did he receive?

$10

Answer: $ _____

38. Bob has $20. How many mangoes can he buy at most?

Mangoes
$3 each

Answer: _____ mangoes

39. 3 similar pails A, B and C contained some water as shown below.

Pail A — 6 ℓ
Pail B — 7 ℓ
Pail C — 11 ℓ
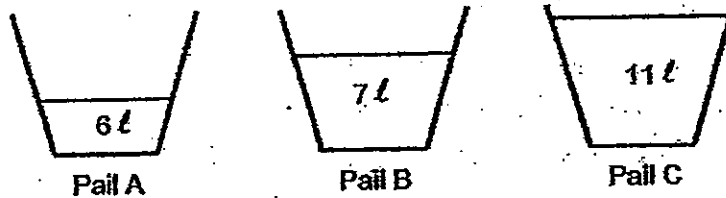
Mrs Lee poured some water from pail C into pail A and B
so that all of the 3 pails would have the same volume of water.
How much water was in each pail?

Answer: ☐ ℓ

40. I am thinking of a 3-digit number.
It is between 800 and 900.
The tens digit is one more than the hundreds digit.
The ones digit is one less than the tens digit.
What is the number?

Answer: ☐

41

Section C (20 marks)
Read the following questions carefully.
Show your workings clearly in the space provided.

41.   350 men, 155 women and 72 children took part in a race.

    (a) How many adults took part in the race?

    (b) How many fewer children than adults took part in the race?

Working

(a) _____

(b) _____

42. Mr Tan bought a bar of chocolate and cut it into 8 equal pieces.
    He gave 2 pieces to his son and 3 pieces to his daughter.
    (a) What fraction of the bar of chocolate was given to Mr Tan's children?
    (b) What fraction of the bar of chocolate was left?

Working

43

43.   Kelly had a sticker album with 6 pages.

From page 1 to page 5, she pasted 8 stickers on each page.

On the last page, she pasted 45 stickers.

How many stickers did Kelly paste altogether?

44 Mr Tan had 37 kg of rice.

He packed the rice equally into 4 bags and had 5 kg left.

What was the mass of each bag of rice?

Working

45. Mary had some money and she bought a dress which cost $22.
Then, her mother gave her another $15 and she had $20 in the end.
How much money did she have at first?

= END OF PAPER =

EXAM PAPER 2012
SCHOOL : ROSYTH SCHOOL
SUBJECT : PRIMARY 2 - MATHEMATICS
TERM : SA 2

SECTION A

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

SECTION B

11. **0**
12. **765**
13. **5 X 4 = 20**
14. a) **shorter**
    b) **longer**

15.
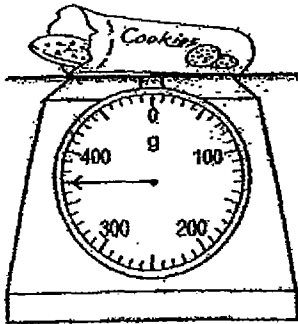
16. **80**
17. **7/7, 5/7, 2/7**
18. a) **27**
    b) **26**
19. **240**
20.   ┌─────┐
      │ **7** │
      └─────┘
          ┌─────┐
          │ **3** │
          └─────┘

21. **20**
22. **472**

23. 18
24. 6
25. 10
26. 4
27. 3
28. 6
29. 16
30. 140
31. 1/8
32. 3/10
33. 16
34. 4
35. 5/12
36. 38
37. 30
38. 6
39. 8
40. 898

SECTION C

41. a) 350 + 155 = 505
    505 adults took part in the race.

    b) 505 − 72 = 433
    There were 433 fewer children than adults taking part in the race.

42. a) 2/8 + 3/8 = 5/8
    5/8 of the chocolate was given to Mr Tan's children.

    b) 8/8 − 5/8 = 3/8
    3/8 of the chocolate bar was left.

43. 8 x 5 = 40
    40 + 45 = 85
    Kelly pasted 85 stickers altogether.

44. 37kg − 5kg = 32kg
    32kg ÷ 4 = 8kg
    The mass of each bag of rice is 8kg.

45. $20 - $15 = $5
    $5 + $22 = $27
    She had $27 at first.