Rosyth School

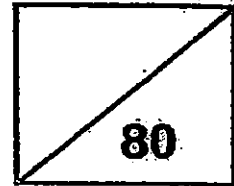## First Semestral Assessment 2015

Mathematics

Primary 3

80

Name: _____

Class: Pr 3-_____   Register No.: _____   Duration: 1h 45 min

Date: 12 May 2015   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.   For questions 1 to 15 in Section A, shade the correct ovals on the Optical Answer Sheet (OAS).
5.   ANSWER ALL THE QUESTIONS.

	Maximum	Marks Obtained
Section A	25	
Section B	35	
Section C	20	
Total	80	

Questions 1 to 5 carry 1 mark each. Questions 6 to 15 carry 2 marks each.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4). Shade the correct ovals (1, 2, 3 or 4) on the Optical
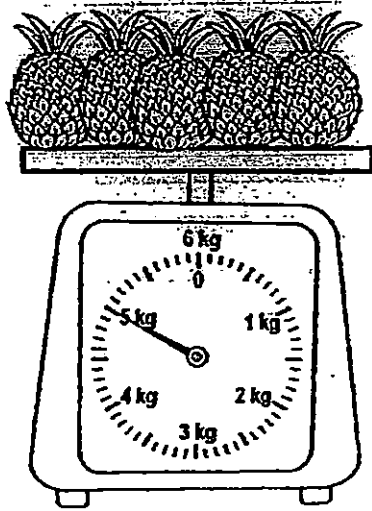Answer Sheet

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1.   In 7 058, the digit _____ is in the hundreds place.

   (1)   0

   (2)   5

   (3)   7

   (4)   8

2.   Which of the following is incorrect?

   (1)   1 kg = 1 000 g

   (2)   1 km = 1 000 m

   (3)   1 m = 1 000 cm

   (4)   1 ℓ = 1 000 $m\ell$

3.   What is the product of 7 and 8?

   (1)   1

   (2)   15

   (3)   54

   (4)   56

4.   What is the remainder when 53 is divided by 3?

   (1)   0

   (2)   2

   (3)   3

   (4)   17

5. Look at the diagram below. What is the mass of all the pineapples?

(1) 1 kg

(2) 2 kg

(3) 5 kg

(4) 25 kg

6. 356 × 9 = _____.

(1) 2 704

(2) 2 754

(3) 3 104

(4) 3 204

7. The difference between 5 347 and 2 769 is _____.

(1) 2 578

(2) 3 422

(3) 7 006

(4) 8 116

8. 1 999 is 100 more than _____.

    (1)   999

    (2)   1 899

    (3)   2 099

    (4)   2 199

9. There were 3 167 men at a carnival. There were 1 799 more men than women. How many women were at the carnival?

    (1)   1 368

    (2)   2 632

    (3)   4 856

    (4)   4 966

10. Ken jogged 2 450 m on Monday. He jogged 178 m less than Daniel. How far did Daniel jog?

    (1)   2 272 m

    (2)   2 328 m

    (3)   2 528 m

    (4)   2 628 m

11. A kettle holds 2 100 $m\ell$ of water. Mr Wong drinks three 500 $m\ell$ bottles of water from it. How much water is left in the kettle?

    (1)   600 $m\ell$

    (2)   1 500 $m\ell$

    (3)   1 600 $m\ell$

    (4)   2 600 $m\ell$

12. _____ x 8 = 4 + 4 + 4 + 4 + 4 + 4

    (1) 6

    (2) 24

    (3) 3

    (4) 32

13. ♡ ÷ 2 = 32 R [?]

Which of these numbers is a possible remainder for [?] ?
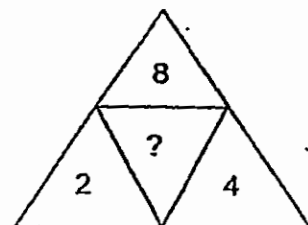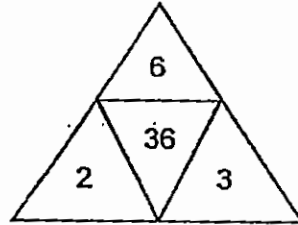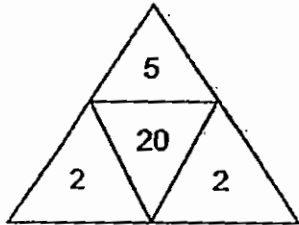
    (1) 1

    (2) 2

    (3) 3

    (4) 4

14. May has 6 sweets. Lily has 5 times as many sweets as her.

How many sweets do they have altogether?

    (1) 11

    (2) 17

    (3) 30

    (4) 36

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

(1) 14

(2) 48

(3) 52

(4) 64

6

Questions 16 to 20 carry 1 mark each. Questions 21 to 35 carry 2 marks each.
Show your working clearly in the space below each question and write your answer in
the answer boxes provided. Give your answers in the units stated.
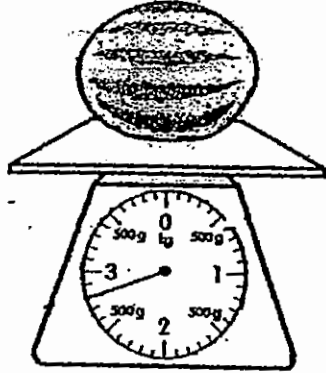
16. Write six thousand and twenty-six in numbers.

17. Find the sum of 3 986 and 2 170.

18. Express 1 km 50 m in metres.

_____
m

19. 8 008 $m\ell$ = _____ ℓ _____ $m\ell$

_____
ℓ $m\ell$

20. $642 \div 3 =$ _____

21. What is the mass of the watermelon?

22. 170 more than 330 is _____.

23. Study the number pattern below and find the missing number in the box.

| 2 300 | | 2 150 | | 2 000 | | ? | | 1 700 |

24. Arrange the digits 7, 2, 0, 5 to form the smallest even number.

Do not start with the number '0'.

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┌──────────────────────┐
│                      │
│                      │
└──────────────────────┘
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25. Devi and her 4 sisters shared 60 sweets equally.

How many sweets did each of them have?

```
┌──────────────────────┐
│                      │
│              sweets   │
└──────────────────────┘
```

26. Pat packed some marbles equally into 5 boxes.

There are 37 marbles in each box. 4 marbles were left unpacked.

How many marbles did he have at first?

```
┌──────────────────────┐
│                      │
│              marbles  │
└──────────────────────┘
```

27. Tony has 74 stamps.

He has twice as many stamps as Ahmad.

How many stamps do they have altogether?

```
┌─────────────────────────────┐
│                             │
│                      stamps │
└─────────────────────────────┘
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28. _____ x 8 = 824

What is the missing number?

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┌─────────────────────────────┐
│                             │
│                             │
└─────────────────────────────┘
```

29. Mr Lim has 6 boxes of oranges.

Each box has 8 oranges.

He repacks all the oranges into 4 new boxes.

How many oranges are there in each of the new boxes?

```
┌─────────────────────────────┐
│                             │
│                     oranges │
└─────────────────────────────┘
```

30. The total age of Rina and her father is 45 years old.

Her father is 4 times as old as her.

How old is Rina?

	years old

31. Ali and Mei Ling weigh 136 kg.

Ali is 6 kg heavier than Mei Ling.

What is Mei Ling's mass?

	kg

32. Martina and Linda had 68 seashells.

After Martina gave 8 seashells to Linda, they had an equal amount of seashells.
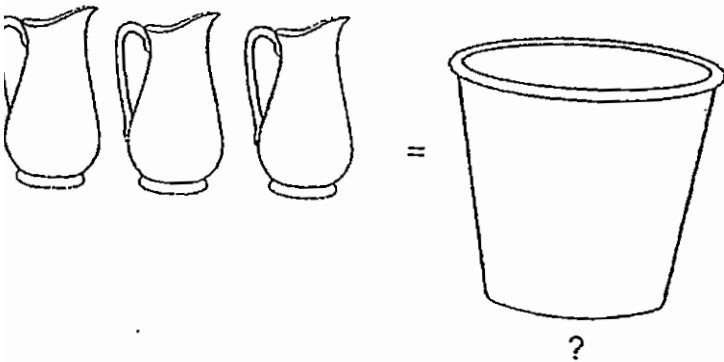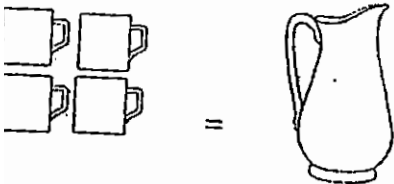
How many seashells did Martina have at first?

	seashells

33. The difference between 2 numbers is 196.
The smaller number is 3 468.
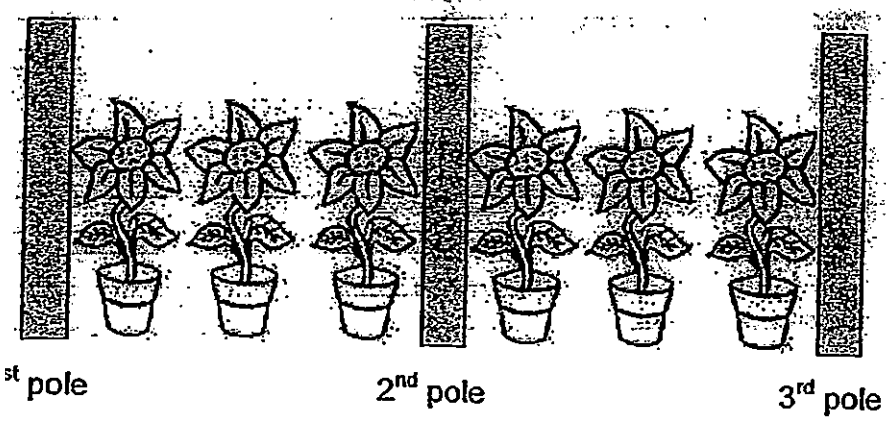What is the sum of the two numbers?

34. The capacity of a cup is 200 mℓ. 4 cups can fill up a jug. 3 jugs can fill up a pail.
What is the capacity of the pail?

200 mℓ

=

=

?

ml

35. The poles are placed at an equal distance from each other. 3 flower pots are placed between 2 poles. How many flower pots are there between the first and the ninth pole?
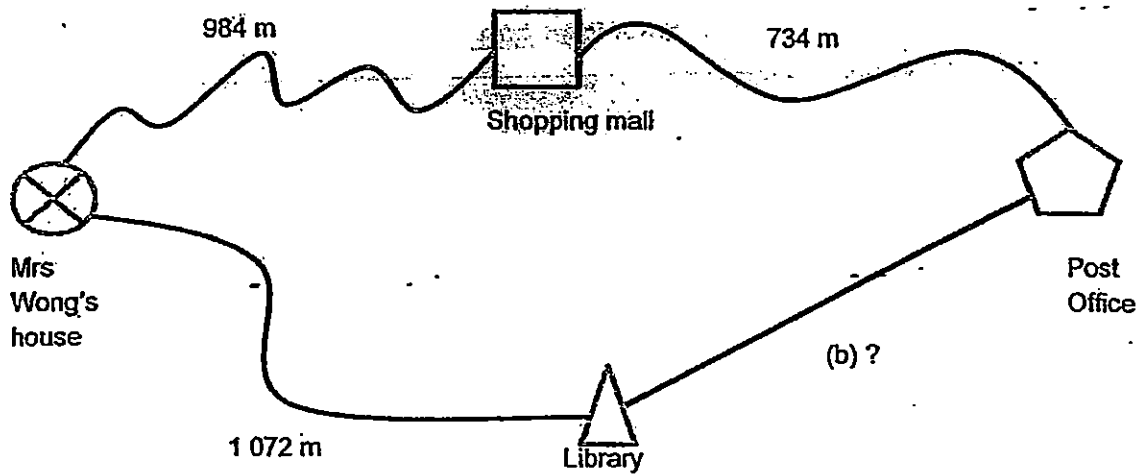
st pole   2nd pole   3rd pole   ...... 9th pole ?

flower pots

For questions 36 to 40, show your working clearly in the space below each question and write your answers in the blanks provided. The marks for each question or part question are given in the brackets. Show your units clearly.

36.   Caleb has 746 marbles.

He has 149 more marbles than Andy.

Andy received another 361 marbles from his father.

How many marbles does Andy have now?

Answer: _____(4m)

37. Use the map below to answer questions 37 (a) and (b).

(a) How far must Mrs Wong travel from her house to the post office if she passes by the shopping mall?

(b) The distance from Mrs Wong's house to the shopping mall is four times the distance from the library to the post office. What is the distance between the library and the post office?

Answer: (a) _____(2m)

(b) _____ (2m)

38. Jerome, Alvin and Sally collected 73 game cards altogether.
Alvin has 3 times as many game cards as Jerome.
Sally has 10 more game cards than Alvin.
How many game cards did Jerome collect?

Answer: _____ (4m)

39. For every paper aeroplanes that Dan folds, Tom folds 2 paper aeroplanes. If they folded 204 paper aeroplanes altogether, how many paper aeroplanes did Tom fold?

Answer: _____ (4m)

40. Sam had an equal number of green and yellow toy cars.

After giving away 60 green toy cars and 14 yellow toy cars, he had thrice as many yellow toy cars as green toy cars.

How many green toy cars did he have in the end?

Answer: _____ (4m)

END OF PAPER

Have you checked your work?

EXAM PAPER 2015
LEVEL   : PRIMARY 3
SCHOOL   : ROSYTH SCHOOL
SUBJECT : MATHEMATICS
TERM   : SA1

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

Q11	Q12	Q13	Q14	Q15
1	3	1	4	4

Q16. 6026   Q17. 6156   Q18. 1050m   Q19. 8litre 8ml

Q20. 214   Q221. 2kg 800g   Q22. 500   Q23. 1850

Q24. 2570   Q25. 6 sweets 4+1=5, 60

Q26. 189 ➔ marbles 37x5=185, 185 +4=189

Q27. 111 stamps➔ 74÷2=37, 74+37=111   Q28. 103➔ 824 ÷8=103

Q29. 12 oranges ➔6x8=48, 48÷4=12   Q30. 9 years old ➔45÷5=9

Q31. 65kg ➔136−6=130, 130÷2=65

Q32. 42 seashells➔ 68÷2=34, 34 + 8 =42

Q33. 7132 ➔3468 +196=3664, 3468+3664=7132

Q34. 2400ml 200x4=800; 800x3=2400

Q35. 24 flower pots ➔9-1=8, 8x3=24

Q36. 958 ➔597 +361=958

Q37a. 1718m ➔984m +734m=1718m

Q37b. 246 ➔984÷4=246

Q38. 9 ➔70=73-10=63, 63÷7=9

Q39. 136 ➔1+2=3, 204÷3=68, 68x2=136

Q40. 23 ➔60 − 14=46, 46÷2=23