# Rosyth School
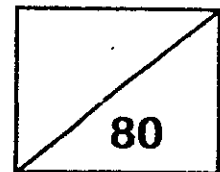
## First Semestral Assessment 2014

## Mathematics

## Primary 3

80

Name: _____

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

Date: 12th May 2014    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 | |

* This paper consists of 18 pages altogether.( Including this page )

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**Section A (25 marks)**

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 2 578, the value of the digit 5 is _____.

    (1)    5

    (2)    50

    (3)    500

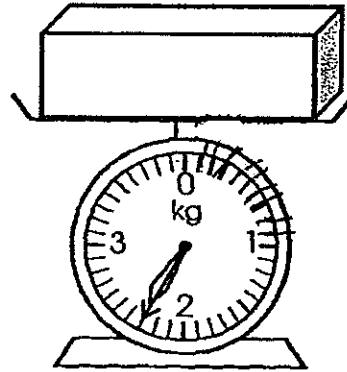    (4)    5 000

2.    Which of the following shows 5 x 6?

    (1)    5 + 5 + 5 + 5 + 5

    (2)    6 + 6 + 6 + 6 + 6

    (3)    6 x 6 x 6 x 6 x 6

    (4)    5 x 5 x 5 x 5 x 5 x 5

3.    1 km  5 m  = _____ m

    (1)    105

    (2)    150

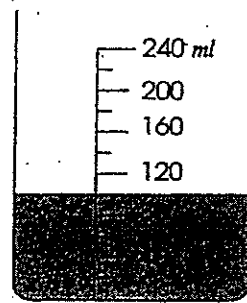    (3)    1 005

    (4)    1 050

4. What is the mass of the parcel?

   (1)   1 kg 23 g

   (2)   1 kg 230 g

   (3)   **2 kg 230 g**

   (4)   2 kg 300 g



5. How much water is there in the container?

   (1)   80 ml

   (2)   90 ml

   (3)   **100 ml**

   (4)   240 ml



6. Mrs Koh bought a new television set.

   She paid $1 568 at the shop and paid the remaining $3 254 when they delivered it to her home. What was the cost of the television set?

   (1)   $ 1 686

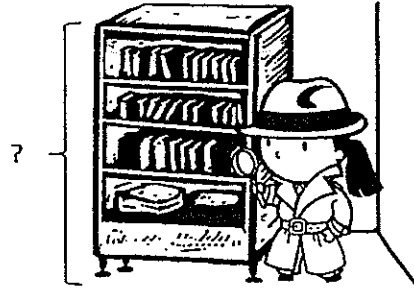   (2)   $ 2 314

   (3)   $ 4 712

   (4)   **$ 4 822**

3

7. Which one of the following would be the most likely height of the book shelf in the library?

(1)  17 cm

(2)  170 cm

(3)  17 m

(4)  170 m

?

8. ☐ ÷ 8 = 23 R 7

(1)  161

(2)  177

(3)  184

(4)  191

9. Muthu bought 6 **packets** of sweets. Each packet contains 8 **sweets**
How many sweets does Muthu have altogether?

(1)  14

(2)  42

(3)  48

(4)  54

10. I am a 3-digit odd number.

The digit in my tens place is 4.

The digit in my ones place is greater than the digit in the tens place.

The digit in my hundreds place is 1 smaller than the digit in my ones place.

What number am I?

    (1)    346

    (2)    445

    (3)    545

    (4)    546

11. Bahar has **139** stamps and Tom has **83** stamps. Ronny has **26** fewer stamps than Bahar. How many stamps do they have altogether?

    (1)    196

    (2)    248

    (3)    335

    (4)    387

12. How many numbers between 20 and 40 can be divided exactly by 7?

    (1)    5

    (2)    2

    (3)    3

    (4)    4

13.

$$\star + \star + \star + \; ) = 29$$

$$) \times \star = 56$$

$$\boxed{?} \times \; ) = 24$$

What is the missing number in the box above?

(1)   7

(2)   8

(3)   3

(4)   4

14. 161 stickers were shared equally among 7 children.
    How many stickers will each child receive?

    (1)    23
    (2)    26
    (3)    27
    (4)    31

15. Farmer Tan harvested 320 oranges.
    He packed them equally into boxes of 8 to be sold at a supermarket.
    How many boxes of oranges did he sell at the supermarket?

    (1)    40
    (2)    312
    (3)    328
    (4)    2 560

**Section B (35 marks)**
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.

$$\boxed{?} + 2\,505 = 6\,000$$

17.  134 x 4 = _____

18.  Form the smallest 4-digit even number using all the following digits.

$$\boxed{4} \quad \boxed{5} \quad \boxed{2} \quad \boxed{7}$$

19. 6 kg 25 g = _____ g

| |
|---|
| g |

20. 5021 ml = _____ l _____ ml

| |
|---|
| _____ l _____ ml |

21. The smaller of two numbers is **2 359**

The greater number is **267** more than the smaller number.

What is the sum of the two numbers?

| |
|---|
| |

22. Study the number pattern below.

What is the missing number?

1 929,  2 279,  2 629,  _____,  3 329,  3 679

| |
|---|
| |

23. Add up **all** the odd numbers between 2 579 and 2 585.

24. Alan had 9 000 DVDs. He threw away 361 cracked ones.
How many DVDs had he left?

25. Mr Lee had 4 009 fishes at his fish farm at first.
He transferred 80 fishes from his fish farm to the pond behind his house.
How many fishes were left at his fish farm?

26. At a bird park, 3995 new birds were added to the 5013 birds in the park.
What is the total number of birds in the bird park now?

27.   What is the product of 685 and 9?

28.   What is the quotient when 537 is divided by 7?

29.   What is the remainder when 262 is divided by 3?

30. Carol has **42** stickers. She has 6 times as many stickers as Ben.

How many stickers does Ben have?

31. A shop sells **13** marbles in a pack.

Lina bought **4** packs of marbles.

How many marbles did she buy altogether?

32. A bag cost **3 times** as much as **a pair of shoes**

The bag cost **$273**

How much does the pair of shoes cost?

$

33. Each kilogram of rice costs $6.

How many kilograms of rice can Jane buy with $138?

| | |
|---|---|
| | kg |

34. The total mass of Bala and Mark is 124 kg.

Mark is 4 kg lighter than Bala.

What is Mark's mass?

| | |
|---|---|
| | kg |

35. A bottle has a capacity of 800 ml.

5 full cups of water were used to fill the bottle to its brim.

What is the capacity of each cup?

| | |
|---|---|
| | ml |

13

**Section C (20 marks)**

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. Mrs Tan went shopping.

    She bought 5 dresses and 6 T-shirts.
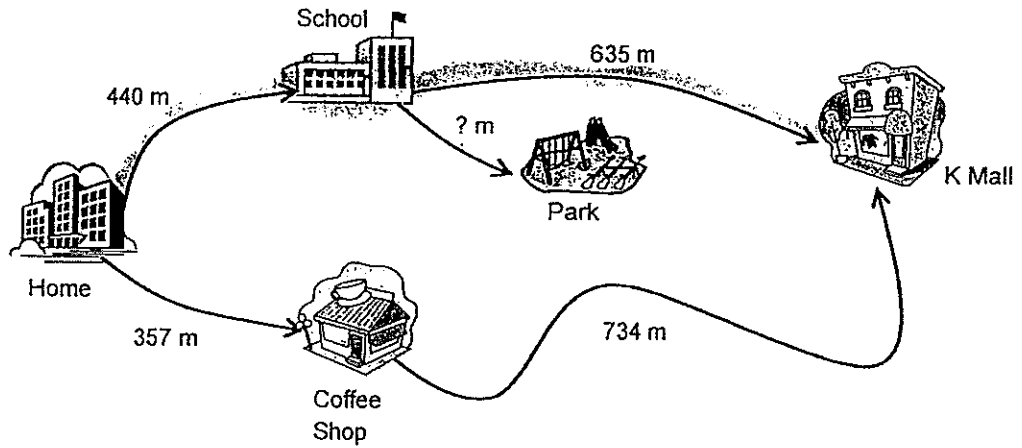
    (a) How much did Mrs Tan spend on the dresses?

    (b) How much did Mrs Tan spend on the T-shirts?

**MID-YEAR SALE!**

Dresses: $35 each

T-Shirts: $18 each

**HURRY! HURRY!**

Answer: (a) _____ (2m)

(b) _____ (2m)

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



Alan wants to go to K Mall from home. He wants to take the shortest route.

(a) What is the distance of the shortest route from Home to K Mall? Give your answer in kilometres and metres.

(b) The distance from Home to the Coffee Shop is 3 times the distance from the School to the Park. Find the distance from the School to the Park. Give your answers in metres.

Answer: (a) _____ (2m)

(b) _____ (2m)

38.  For every 6 marbles Tim buys, he gets 1 marble free.

Tim gets 24 free marbles.

What is the least number of marbles he has altogether?

.Answer: _____ (4m)

39. 735 stamps were shared among Gina, Hannah and Iris. Gina received 4 times as many stamps as Hannah. Iris received twice as many stamps as Hannah.

(a) How many stamps did Hannah have?

(b) How many **more stamps** did Gina have than Iris?

Answer: (a) _____ (2m)

(b) _____ (2m)

40. Jane had some buttons at first. She bought another 39 buttons.
Then she had 8 times as many buttons as her brother.
Her brother had 48 buttons.
How many buttons did Jane have at first?

Answer: _____ (4m)

<u>EXAM PAPER 2014</u>
LEVEL : PRIMARY 3
SCHOOL : ROSYTH SCHOOL
SUBJECT : MATHS
TERM : SA1

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| 3  | 2  | 3  | 4  | 3  | 4  | 2  | 4  | 3  | 2   | 3   | 3   | 3   | 1   | 1   |

Q16 3495

Q17 536

Q18 2574

Q19 6025g

Q20 5$l$ 21m$l$

Q21 4985

Q22 2979

Q23 5164

Q24 8639 DVDs

Q25 3929 fishes

Q26 9008 birds

Q27 6165

Q28 76

Q29 1

Q30 7

Q31 52

Q32 91

Q33 23 kg

Q34 60 kg

Q35 160m$l$

Q36    (a) $35 x 5 = $175

       **Mrs Tan spent $175 on dresses.**

       (b) $18 x 6 = $108

       **Mrs Tan spent $108 on T-shirts.**

Q37    (a) 635m + 440m = 1075m

           1km = 1000m
           1075m = 1km 75m

       **The shortest route is 1km 75m.**
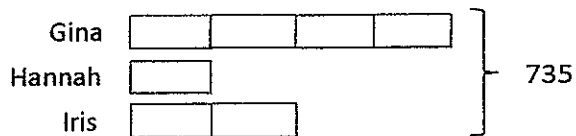
       (b) 357m ÷ 3 = 119m

       **The distance is 119m.**

Q38    24 x 6 = 144
       144 + 24 = 168

       **He has 168 marbles altogether.**

Q39


       (a) 735 ÷ 7 = 105

       **Hannah had 105 stamps.**

       (b) 4 – 2 = 2
           105 x 2 = 210

       **Gina had 210 stamps more than Iris.**

Q40    48 x 8 = 384
       384 – 48 = 345

       **Jane had 345 buttons at first.**