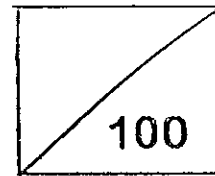Rosyth School
First Semestral Assessment 2013
Mathematics
Primary 3

100

Name: _____

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

Date: 14 May 2013   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 20 in Section A, shade the correct ovals on the Optical Answer Sheet (OAS).
5. ANSWER ALL THE QUESTIONS.

	Maximum	Marks Obtained
Section A	40	
Section B	40	
Section C	20	
Total	100	

* This paper consists of 18 pages altogether.

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1

Section A (40 marks)

For questions 1 to 20, 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) onto the Optical Answer Sheet provided. Each question carries 2 marks.

1.   What is the value of the digit 7 in 7 035?

    (1)   7

    (2)   70

    (3)   700

    (4)   7 000

2.   How many hundreds are there in 8 900?

    (1)   9

    (2)   89

    (3)   890

    (4)   900

3.   The length of the classroom is about _____.

    (1)   12 cm

    (2)   12 m

    (3)   120 cm

    (4)   120 m

4.   6 km - 460 m = _____.

    (1)   140 m

    (2)   260 m

    (3)   5 km 540 m

    (4)   5 km 460 m

5. $63 \div$ _____ $= 7$

    (1) 7

    (2) 9

    (3) 56

    (4) 441

6. Sam has a number riddle card. It is as shown below.

    ### Number Riddle Card
    I am a 4-digit number.

    I have the digit 5 in the tens place.

    The digit in the tens place is 3 less than the digit in the hundreds place.

    I am greater than 20 hundreds.

    Which of the following is the correct number described in Sam's number card?

    (1) 1 853

    (2) 2 256

    (3) 2 854

    (4) 3 521

7. A fruit seller had 1 000 apples at his fruit stall. He sold 420 of them.
    How many apples had he left?

    (1) 580

    (2) 680

    (3) 958

    (4) 1 420

8. The difference between two numbers is 2 683.
   One of the numbers is 1 704. What is the other number?

   (1) 979

   (2) 1 181

   (3) 3 387

   (4) 4 387

9. Mrs Devi baked 1 200 chocolate cookies. She baked 570 fewer blueberry
   cookies than chocolate cookies. How many cookies did she bake altogether?

   (1) 630

   (2) 1 770

   (3) 1 830

   (4) 2 970

10. There are 8 Primary Three classes in a school. There are 41 pupils in
    each class. How many Primary Three pupils are there in the school?

    (1) 49

    (2) 128

    (3) 288

    (4) 328

11. 7 x 12 = _____ x 4

    (1) 8

    (2) 21

    (3) 84

    (4) 336

12. $9 + 9 + 9 + 9 + 9 + 9 = $ _____ x 3

    (1)   6

    (2)   18

    (3)   54

    (4)   62

(   )

13. One pencil cost $3. Ahmad gave the shopkeeper $50 and received $5 in change. How many pencils did he buy?

    (1)   15

    (2)   35

    (3)   45

    (4)   47

(   )

14. There were a total of 145 pupils going on a trip to the HDB Gallery. If 5 pupils shared an information booklet, how many booklets were distributed?

    (1)   21

    (2)   29

    (3)   140

    (4)   725

(   )

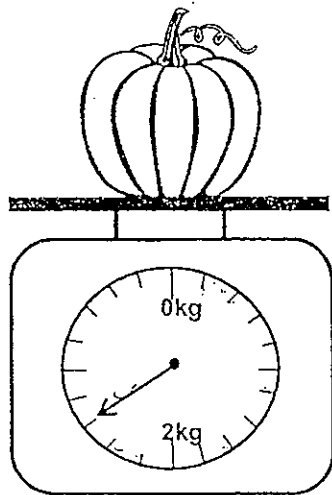15. What is the quotient when 151 is divided by 5?
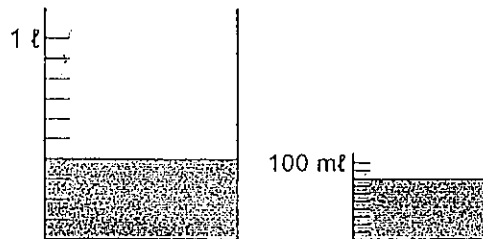
    (1)   1

    (2)   5

    (3)   3

    (4)   30

(   )

16. What is the mass of the pumpkin on the weighing scale?

(1) 700 g
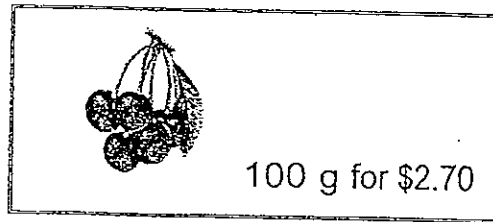
(2) 1 kg 200 g

(3) 2 kg 300 g

(4) 2 kg 600 g

17. The diagram below shows two beakers.

What is the total volume of the water in the two beakers?

(1) 400 ml

(2) 480 ml

(3) 1 100 ml

(4) 1 200 ml

18.   Study the diagram shown below.

100 g for $2.70

Todd is buying 300 g of cherries. How much change will Todd receive from the cashier if he pays with a $10 note?

(1) $1.90

(2) $7.30

(3) $8.10

(4) $12.70

19.   Peter collected some metal cans for recycling for 7 days. On the first day, he collected 2 metal cans. For each following day, he collected 1 metal can more than the previous day. How many metal cans did he collect for the 7 days?

(1)   8

(2)   14

(3)   28

(4)   35

20.   In a pet shop, the number of birds was the same as the number of cats. Alice counted a total of 24 legs. How many cats were there in the pet shop?

(1)   6

(2)   8

(3)   12

(4)   4

Section B (40 marks)

For questions 21 to 40, 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. Each question carries 2 marks.

21. Write nine thousand, six hundred and thirteen in figures.

22. How many tens are there in 530 ?

23. What is the smallest odd number that can be formed using all the 4 digits given below?

3	0	5	2

24. The number pattern shown below has two missing values, A and B.

		1 695	
1 385	A	1 395	1 400
		1 095	
		B	

What are the values of A and B?

A :   B :

25. What is the sum of 10, 20, 30, 40, 50, 60, 70, 80 and 90 ?

26. What are the values of X and Y?

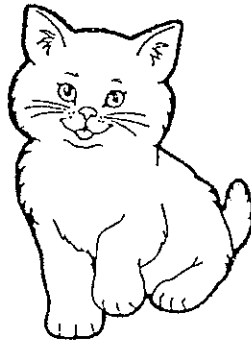|	X	0	0	5
−	1	9	4	Y
	4	0	5	8

X :   . Y :

27. Fandi has 5 075 ice-cream sticks. He wants to build a model of a ship and needs 946 more ice cream sticks to complete it. What is the total number of ice-cream sticks needed to build the model?

Refer to the pictures shown to answer Question 28 and 29.

The total mass of the three cats shown below is 9 kg 650 g.

Cat A	Cat B	Cat C
2 kg 50 g	3 150 g	?
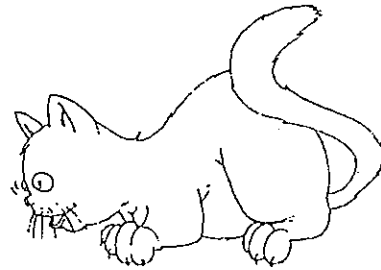
28. What is the difference between the mass of Cat A and Cat B?

kg	g

29. What is the mass of Cat C?

kg	g

30. The product of two numbers is 182.

If one of the numbers is 7, the other number is _____.

31. The total length of 6 buses is 90 m. What is the length of 3 buses?

	m

32. 6 pencil cases cost $48. How much will 9 such pencil cases cost?

$	

33. A number when divided by 8 gives a quotient of 21 and a remainder of 3. What is the number?

34. 6 boys shared 20 chocolates. If each boy had the same number of chocolates, how many chocolates were left over?

35. Miss Chong packed some sweets equally into 7 plastic bags.

    If she wanted each bag to contain 65 sweets, she would be short of 2 sweets.

    How many sweets did she have?

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

36. A man has a 1-litre bottle of oil.

    He pours all of it into small 5-mℓ cups. How many cups of oil will he get?

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

37. Mrs Minah had some beads. On Monday, she sold 45 of them and bought

    another 100 beads. On Tuesday, she sold 68 of them and was left with

    340 beads. How many beads did she have at first?

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

38. Fiona had 7 baskets of cookies. There were 12 cookies in each basket. She then repacked them into bags of 3. How many bags of cookies did she have?

```
┌──────────────┐
│              │
│              │
└──────────────┘
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39. Vivian collected 53 stickers. Derek collected twice as many stickers as Vivian. How many stickers did they collect altogether?

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

40. Julie prepared a few jugs of lemonade for a party.
Each jug contained 3 ℓ of lemonade.
After the guests drank 6 ℓ 426 mℓ of lemonade, she still had 2 ℓ 574 mℓ of lemonade left. How many jugs of lemonade did she prepare?

```
┌──────────────┐
│              │
│              │
└──────────────┘
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13

For questions 41 to 45, 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.

41. Xavier, Yati and Zul collected some seashells.

Xavier collected 1 128 seashells.

Yati collected 67 more than Xavier.

Zul collected 350 fewer than Yati.

How many seashells did they collect altogether?

Ans : _____ (4 m)

42. 5 girls were playing a game with 40 marbles.

Each girl had the same number of marbles.

If 3 more boys joined in the game and the marbles were again shared out equally, how many fewer marbles would each girl get?

Ans: _____(4 m)

43. Ali, Bala and Charlie have a total of 72 stickers.
Ali has thrice as many stickers as Bala.
Charlie has 12 more stickers than Bala.
How many stickers does Charlie have?

Ans: _____(4 m)

44. Ally and David saved the same amount of money each.
    After Ally gave David $88, she was left with $3 620.

    a) How much did Ally save at first?

    b) How much did David have in the end?

    Ans : a)_____(2m)

    b)_____(2m)

45. Jane has a piece of string which is 45 cm long.
    Her father has another string which is 5 times as long as hers.

    a) What is the total length of the two strings?

    b) How much shorter is Jane's string than her father's string?

Ans : a)_____(2m)

b)_____(2m)

END OF PAPER
Have you checked your work?

ANSWER SHEET

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
4	2	2	3	2	3	1	4	3	4	2	2	1	2	4	4	2

Q18	Q19	Q20
1	4	4

Section B
Q21) 9613
Q22) 53
Q23) 2035
Q24) A: 1390 B: 795
Q25) 450
Q26) X: 6   Y: 7
Q27) 602
Q28)1Kg 100g
Q29) 5Kg 200g
Q30) 26
Q31) 4m
Q32) $72
Q33) 171
Q34) 2
Q35)453
Q36) 200
Q37) 353
Q38) 28

Q39) 159
Q40) 3

Section C
Q41) 1128 + 67 = 1195
1195 − 350 = 845
1195 + 845 + 1128 = 3168
They collected 3168 seashells altogether

Q42) 40 ÷ 5 = 8
40 ÷ 8 = 5
8 − 5 = 3
Each girl would get 3 fewer marbles

Q43) 72 − 12 = 60
60 ÷ 5 = 12
12 + 12 = 24
Charlie has 24 stickers

Q44
a) $3608 + $88 = $3708
Ally saved $3708 at first
b) 88 x 2 = 176
$3608 + $176 = $3796
David had $3846 in the end

Q45
a) 45 x 5 = 225
225 + 45 = 270
The total length of the two strings is 300cm
b) 225 − 45 = 180
Jane's string is 180cm shorter than her father's string.

METHODIST GIRLS' SCHOOL

Founded in 1887

MID-YEAR EXAMINATION 2013
MATHEMATICS

PRIMARY 3

(BOOKLET A)

Total Time: 1 h 45 min

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.
Shade your answers in the Optical Answer Sheet (OAS) provided.

Name: _____ ( )

Class: Primary 3._____

Date: 14 May 2013

This booklet consists of 6 printed pages including this page.