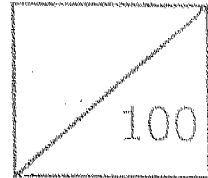## Rosyth School
First Semestral Assessment 2004
Mathematics
Primary 3

Total ⬛ 100

Name: _____

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

Date: 11 May 2004   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).

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

* This paper consists of ____13____ pages altogether.

Section A (40 marks)

For each question, 4 options are given. One of them is the correct answer. Make your choice (1,2,3 or 4). Shade the correct oval on the optical answer sheet. Each question carries 2 marks.

1. The value of '5' in 5 196 is _____.

    (1) 5×1 (2) 5×10
    (3) 5×100 (4) $5 \times 1\,000$ (   )

2. _____ is 10 less than 13 hundreds.

    (1)   1 200   (2)   1 290
    (3)   1 300   (4)   1 310   (   )

3. $9\,000 + 60 + 8 =$ _____

    (1)   968   (2)   9 068
    (3)   9 608   (4)   9 680   (   )

4. $6\,310 - \boxed{} = 2\,780.$ What is the missing number in the box ?

    (1)   3 530   (2)   3 630
    (3)   4 530   (4)   4 630   (   )

5. Find the sum of 3 285 and 2 746. The answer is _____.

    (1)   539   (2)   1 539
    (3)   5 931   (4)   6 031   (   )

6. $\boxed{} \times 8 = 640 \div 8$

    What is the missing number in the box ?

    (1)   8   (2)   10
    (3)   70   (4)   80   (   )

1

7. $360 \div 9$ is the same as _____.

    (1) 20×3 (2) 40×2
    (3) 8×5 (4) 4×9 (   )
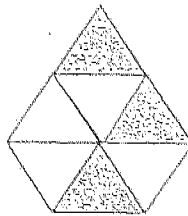
8. 3 apples are sold for $5. If Mr Tan wants to buy $35 worth of apples, how many apples will he buy ?

    (1)   7   (2)   10
    (3)   18   (4)   21   (   )

9. What fraction of the figure is <u>shaded</u> ?

    (1) $\dfrac{3}{4}$ (2) $\dfrac{3}{7}$

    (3) $\dfrac{3}{8}$ (4) $\dfrac{4}{8}$ (   )

10. $\dfrac{1}{2} = \dfrac{\boxed{}}{6}$. The missing numerator is _____.

    (1)   1   (2)   2
    (3)   3   (4)   4   (   )
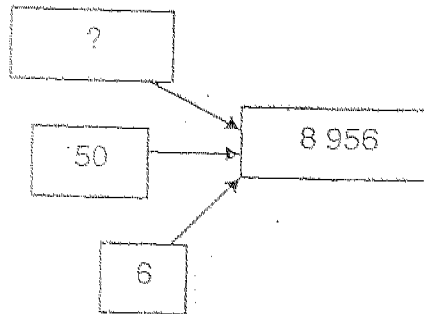
2

11. In the numeral 4 789, the value of the digit '4' is _____ more than the value of the digit '8'.

    (1) 3 200   (2) 3 920

    (3) 3 992   (4) 4 080   (   )

12. What is the missing number in the box?

    (1) 56   (2) 8 000

    (3) 8 900   (4) 8 950   (   )

13. Which of the following is equal to 4 627 + 3 262 ?

    (1) 8 000 + 9   (2) 8 000 - 11

    (3) 7 900 - 1   (4) 7 900 - 11   (   )

14. _____ is 1 485 less than the difference between 5 045 and 2 545.

    (1) 1 015   (2) 2 500

    (3) 3 560   (4) 6 105   (   )

15. There are 5 times as many apples as oranges. If there are a total of 294 fruits, how many apples are there?

    (1) 49   (2) 58

    (3) 245   (4) 290   (   )

3

16. $146 \times 8 = \boxed{} \times 4 \times 146$

The missing number in the box is _____.

(1) 1   (2) 2
(3) 4   (4) 8   (   )

17. Each boy catches 2 worms a day. If 3 boys catch 54 worms in all, how many days do the boys take to catch all the worms?

(1) 9   (2) 10
(3) 18   (4) 27   (   )

18. Ramli has 9 marbles. 3 of the marbles are silver and the rest are blue. What fraction of the marbles are blue ?

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

19. 4 205 people visited the art gallery in June. 627 fewer people visited the gallery in July than in June. Find the total number of people who visited the gallery over the two months.

(1) 4 832   (2) 5 459
(3) 7 783   (4) 9 037   (   )

20. 15ⁿ cupcakes are packed in boxes. If each box can pack up to 7 cupcakes, how many boxes are needed to contain all the cupcakes?

(1) 20   (2) 21
(3) 22   (4) 23   (   )

4

Section B (40 marks)

For each question, write your answers in the boxes provided. Each question carries 2 marks.

21. $48 + 27 =$ [ ] – 2

What is the missing number in the box?

[ ]

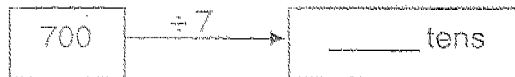22. $436 - 98 =$ [ ] + 2

What is the missing number in the box?

[ ]

23. $532 - 104 =$ [ ] – 4

What is the missing number in the box?

[ ]

24. Three thousand and twenty-five written as a numeral is _____.
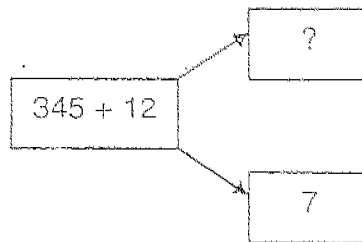
[ ]

25. _____ is 420 more than 3 547.

[ ]

26. Find the missing value.

700 $\xrightarrow{\div 7}$ _____ tens

[_____ tens]

27. List all the odd numbers from 30 to 36.

[ ]

5

28. $\frac{5}{12}$ and _____ make 1 whole.

29. 120 tens is _____ more than 120 ones.

30.

$$345 + 12$$

?

7

What is the missing value in the box?

31. How many <u>hundreds</u> are there in the sum of 5 428 and 3 872 ?

hundreds

32. If 79 is subtracted from a number, the result is 265 more than 1 360. What is the number ?

33. How many nines are there in 4 968 ?

`_____ nines`

34. I am a 3 digit even number. My Hundreds and Tens are odd numbers. They add up to 4. My Tens is thrice of my Hundreds. My Ones is the sum of my Hundreds and Tens. What am I?

35. Study the number pattern carefully.

6, 18, 54, 162, _____, 1 458, 4 374......

The missing number in the pattern is _____.

36. If ♡♡♡ stands for 60, what is the value of

♡♡♡♡ ?

37. Form the smallest 4 digit even number using 2, 1, 0, 3 which can be divided by 5 without any remainder.

7

38.

$$\begin{array}{r} \boxed{} \;\; 4 \;\; 6 \\ \times \; 5 \\ \hline 1\;7\; \boxed{} \; 0 \end{array}$$

The common number missing in the boxes is _____

39. Arrange the fractions: $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{8}$ in a descending order.

40. Study the number pattern below. Find the missing number X.

5 ↔ 12 ↔ 19 ↔ 26

35 ↔ 84 ↔ X ↔ 182

8
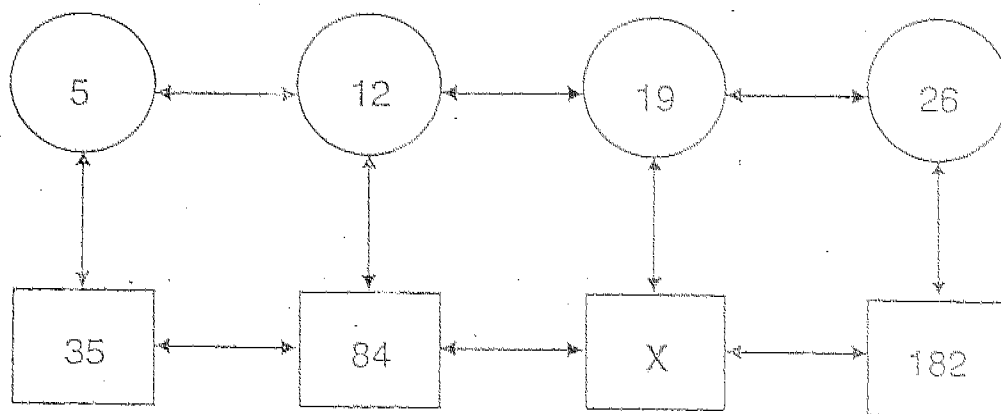
Section C (20 marks)
For questions 41 to 45, show your working clearly in the space below each question and write your answers in the spaces provided. Each question carries 4 marks.

41. Gary has 2 048 stamps. He gave 120 stamps to Ali and twice as many stamps to Roger.

    a)   How many stamps did he give away?

    b)   How many stamps had he left?

Answer: (a) _____ _____(2 marks)

(b) _____ _____(2 marks)

9

42. Malcolm picked 53 seashells less than Ruben. If the two boys picked 317 seashells in total,

a)   how many seashells did Malcolm pick ?

b)   how many seashells did Ruben pick ?

Answer: a) _____ (2 marks)

b) _____ (2 marks)

10

43. Gillian will be 35 years old in 12 years' time. How old was she 10 years ago ?

Answer: _____ (4 marks)

12

44. Mr Lim had 8 boxes of pears. Each box contained 45 pears. He gave 12 pears to his neighbour and sold the rest for 3 at $7. How much would he get from selling the pears?

Answer: _____ (4 marks)

12

45. Mrs Tan bought some balloons. The balloons that she bought could be shared equally among 3 children. They could also be shared equally among 7 children. How many balloons did Mrs Tan buy if the shop had only 25 balloons for sale?

Answer: _____ (4 marks)

End of paper

13

1) 4

2) 2

3) 2

4) 1

5) 4

6) 2

7) 3

8) 4

9) 2

10) 3

11) 2

12) 3

13) 4

14) 1

15) 3

16) 2

17) 1

18) 2

19) 3

20) 4

21) 77

22) 336

23) 432

24) 3025

25) 3967

26) 10

27) 31, 33, 35

28) 7/12

29) 1080

30) 350

31) 93

32) 1704

33) 552

34) 134

35) 486

36) 80

37) 1230

38) 3

39) 1/2,   3/8,   1/4

40) 133

41) a) 360 stamps

   b) 1688 stamps

42) a) 132 seashells

   b) 185 seashells

43) 13 years old

44) $ 812

45) 21 balloons