

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



CONTINUAL ASSESSMENT 2011 PRIMARY 4 MATHEMATICS

Total Time: 1 h (excluding Mental Sums)

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

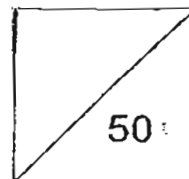
Follow all instructions carefully.

Answer all questions.

Name: _____ ()

Class: Primary 4. _____

Date: 24 February 2011



This booklet consists of 12 printed pages including this page.

Section A: Mental Sums (5 marks)

1 _____

2 _____

3 _____

4 _____

5 _____

6 _____

7 _____

8 _____

9 _____

10 _____

(Go on to the next page)

Section B

Questions 11 to 15 carry 1 mark each. Questions 16 to 20 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 oval (1, 2, 3 or 4) on the Optical Answer Sheet. (15 marks)

11 Which one of the following is equal to 5 400?

- (1) 54 ones
- (2) 54 tens
- (3) 54 hundreds
- (4) 54 thousands

12 What is the best estimate for 589×61 ?

- (1) 500×60
- (2) 500×70
- (3) 600×60
- (4) 600×70

13 2, 3 and 6 are common factors of 6 and _____.

- (1) 9
- (2) 14
- (3) 18
- (4) 21

14 33, 55 and 110 are multiples of _____.

- (1) 11
- (2) 10
- (3) 3
- (4) 5

(Go on to the next page)

- 15 During a game, 4 520 pupils were told to get into groups of 9.
How many pupils were not able to form a group?
- (1) 11
 - (2) 2
 - (3) 52
 - (4) 502
- 16 There are 21 fruit baskets.
Each basket has 48 fruits.
How many fruits are there altogether?
- (1) 144
 - (2) 252
 - (3) 1 008
 - (4) 1 028
- 17 Raymond has three times as many pearls as Cindy.
He has 426 more pearls than Cindy.
How many pearls do they have altogether?
- (1) 213
 - (2) 426
 - (3) 568
 - (4) 852
- 18 16 and 24 are common multiples of 2, 4 and a whole number, P.
P is a 1-digit number. What is P?
- (1) 9
 - (2) 8
 - (3) 3
 - (4) 6

(Go on to the next page)

- 19 The letter A represents the same digit.
What is the value of A?

$$\begin{array}{r}
 6 7 \\
 x 3 A \\
 \hline
 3 3 A \\
 2 0 1 0 \\
 \hline
 2 3 4 A
 \end{array}$$

- (1) 9
(2) 8
(3) 5
(4) 4
- 20 The numbers below are arranged in **ascending** order.

1 389, 3 073, _____, _____, 4 492, 6 060

Which of the following are the missing numbers?

- (1) 3 546 , 4 536
(2) 3 456 , 4 356
(3) 3 564 , 4 563
(4) 4 356 , 4 635

(Go on to the next page)

Section C

Questions 21 to 30 carry 1 mark each. Write your answers in the space provided. For questions which require units, give your answers in the units stated. (10 marks)

21 57 199 when rounded off to the nearest hundred is _____.

Ans: _____

22 List all the factors of 24 which are also multiples of 3.

Ans: _____

23 Subtract 633 from 78 hundreds.

Ans: _____

24 Celina drinks about 2 740 ml of water a day when rounded off to the nearest ten. The smallest amount of water she drinks a day is _____.

Ans: _____ ml

(Go on to the next page)

25 The **second** common multiple of 4 and 9 is _____.

Ans: _____

26 Mrs Tan was given \$7 430 to buy books for the school library.
What would be the **greatest** number of books she could buy if each book costs \$7.

Ans: _____

27 $\heartsuit + \heartsuit + \heartsuit = 21$
 $630 \div \heartsuit = X$

What is the value of X?

Ans: _____

(Go on to the next page)

Use the table below to answer questions 28 to 30.

The table below shows the number of 50-cent and 20-cent coins Ariel, Mabel and Lily have.

Child	Number of 20-cent coins	Amount	Number of 50-cent coins	Amount	Total amount
Ariel	11	\$2.20	15	\$7.50	\$9.70
Mabel	?	\$6.00	9	\$4.50	\$10.50
Lily	24	\$4.80	3	\$1.50	\$6.30

28 How many 20-cent coins does Mabel have?

Ans: _____

29 How many more 50-cent coins must Lily collect so that the number of 20-cent coins she has is three times the number of 50-cent coins she has?

Ans: _____

30 Who has the least number of 20-cent and 50-cent coins?

Ans: _____

(Go on to the next page)

Section D

For questions 31 to 35, show your working clearly and write your answers in the space provided. The number of marks available is shown in brackets [] at the end of each question or part-question. (20 marks)

- 31 A jug can hold 1 168 ml of water.
It can fill 8 similar glasses.
- (a) What is the capacity of each glass?
- (b) How much water is needed to fill up 47 glasses?
(Express all answers in ml.)

Ans: (a) _____ [2]

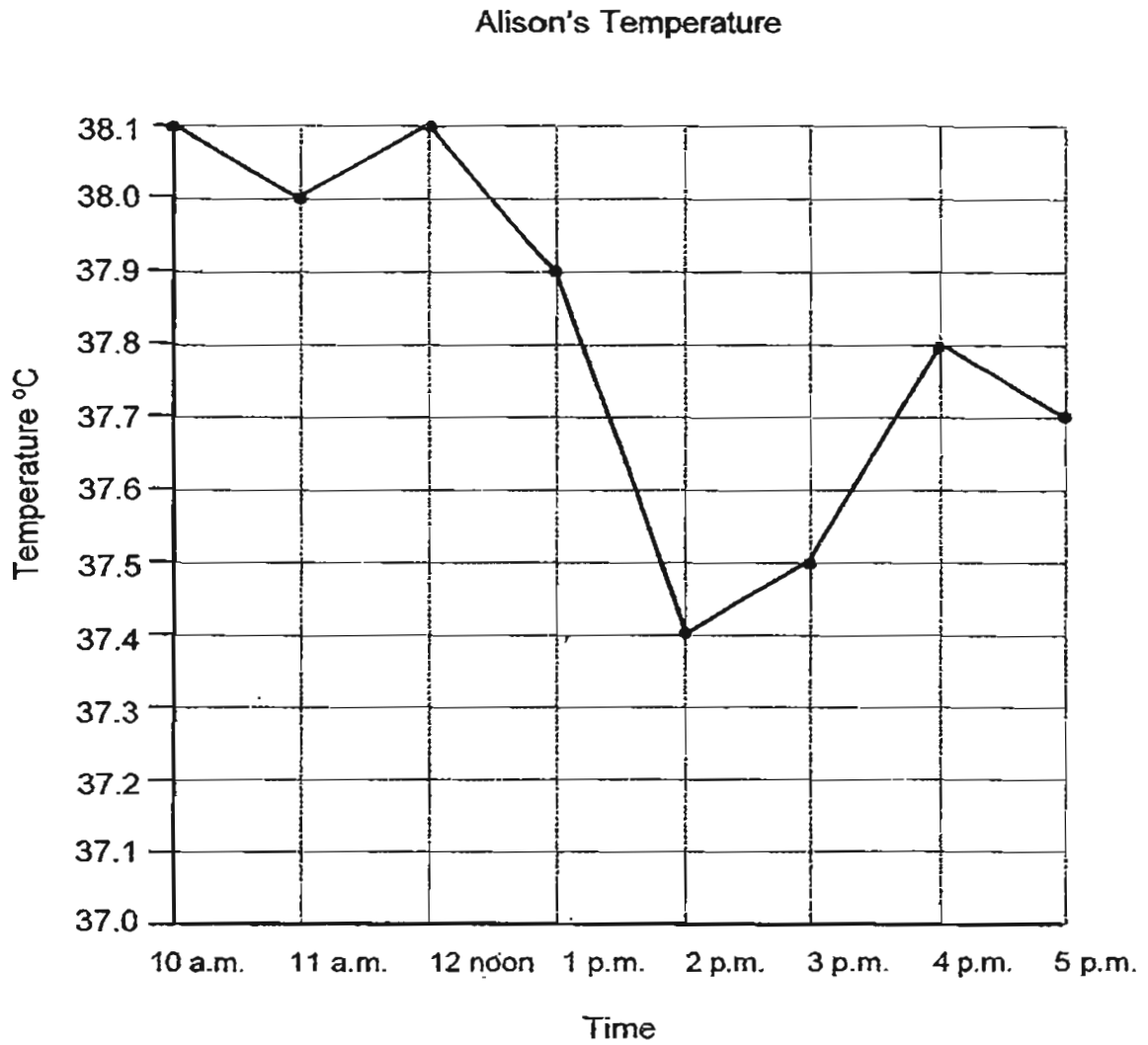
(b) _____ [2]

- 32 Elina has some cakes.
Brenda has five times as many cakes as Elina.
After giving Elina 38 cakes, Brenda has the same number of cakes as Elina.
How many cakes does Brenda have at first?

Ans: _____ [4]

(Go on to the next page)

- 33 The graph shows Alison's temperature recorded at the end of each hour from 10 a.m. to 5 p.m. when she was resting at home.



(Go on to the next page)

- (a) What was Alison's temperature at 10 a.m.?
- (b) At what time was Alison's temperature at the lowest?
- (c) Which time interval of the day shows the **greatest decrease** in Alison's temperature?
- (d) When a child's temperature is $37.9\text{ }^{\circ}\text{C}$ and above, she has a fever. For how long did Alison have a fever?

Ans: (a) _____ [1]

(b) _____ [1]

(c) _____ [1]

(d) _____ [1]

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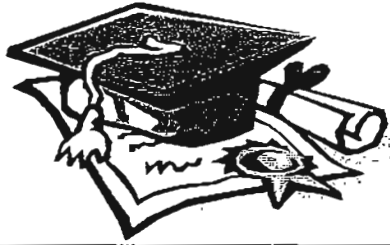
- 34 Michelle has 500 balls.
She has 40 more red balls than blue balls and 3 times as many green balls as red balls.
How many red balls does she have?

Ans: _____ [4]

- 35 Mrs Rita spent \$20 on a plate, a bowl and 2 cups.
Each plate costs \$3 more than a cup but \$2 less than a bowl.
Find the cost of 14 cups.

Ans: _____ [4]

End of Paper

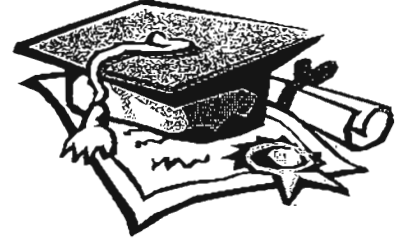


ANSWER SHEET

EXAM PAPER 2011

SCHOOL : MGS
SUBJECT : PRIMARY 4 MATHEMATICS

TERM : CA1



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

Q18	Q19	Q20
2	3	2

21)57200 22)3,6,12 and 24 23)7167 24)2735ml 25)72

26)1061 27)90 28)30 29)5 30)Ariel

31)a) $1168\text{ml} \div 8 = 146\text{ml}$
The capacity of each glass is 146ml.
b) $146\text{ml} \times 47 = 6862\text{ml}$
6862ml of water is needed to fill glasses.

32) $38 + 38 = 76$
 $76 \div 4 = 19$
 $19 \times 5 = 95$
Brenda has 95 cakes at first.

33)a) Alison's temperature at 10a.m. was 38.1°C .
b) Alison's temperature was the lowest at 2p.m.
c) The greatest decrease in Alison's temperature is from 1p.m. to 2p.m.
d) Alison had a fever for 3 hours.

34) $500 + 40 = 540$
 $540 \div 5 = 108$
She had 108 red balls.

35) $\$3 \times 2 = \6
 $\$20 + \$6 = \$26$
 $\$26 - \$2 = \$24$
 $\$24 \div 4 = \6
 $\$6 - \$3 = \$3$
 $\$3 \times 14 = \42
The cost of 14 cups is \$42

