

METHODIST GIRLS' SCHOOL (PRIMARY)

Founded in 1887



CONTINUAL ASSESSMENT 2014 PRIMARY 4 MATHEMATICS

Total Time

Section A : 10 minutes

Section B to D: 1 h

INSTRUCTIONS TO CANDIDATES

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

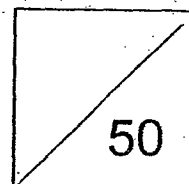
Follow all instructions carefully.

Answer all questions.

Name: _____ ()

Class: Primary 4. _____

Date: 4 March 2014



This booklet consists of 12 printed pages including this page.

Methodist Girls' School
Primary 4 CA1 2014 Mathematics
4 March 2014

Name: _____ ()

Class: P4.

Section A : Mental Sums (5 marks)

1 _____

2 _____

3 _____

4 _____

5 _____

6 _____

7 _____

8 _____

9 _____

10 _____

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 $24\,803 = 20\,000 + 4000 + \boxed{} + 3$

What is the missing number in the box?

- (1) 8
- (2) 80
- (3) 800
- (4) 8000

12 What is the closest estimate of 594×81 ?

- (1) 500×80
- (2) 500×90
- (3) 600×80
- (4) 600×90

13 What is the first common multiple of 3 and 9?

- (1) 1
- (2) 3
- (3) 9
- (4) 27

14 20×42 has the same value as _____.

- (1) $20 \times 1 + 20 \times 40$
- (2) $20 \times 2 + 20 \times 40$
- (3) $42 \times 2 + 42 \times 0$
- (4) $42 \times 2 + 42 \times 10$

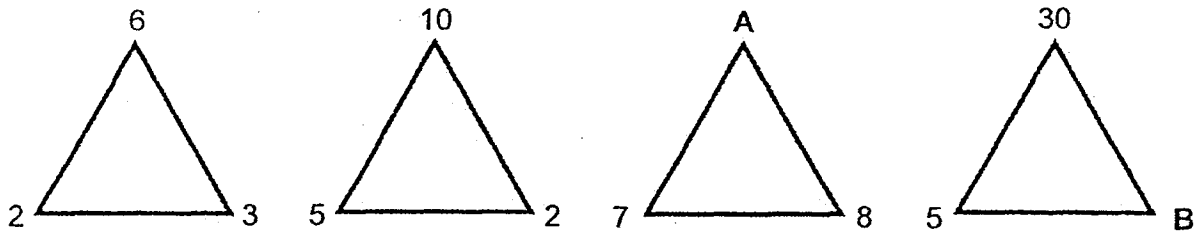
- 15 The table below shows the number of rotten apples in each box.

Number of rotten apples in each box	0	1	2	3	4
Number of boxes	30	35	10	40	20

How many boxes contain **at least** 2 rotten apples?

- (1) 10
 - (2) 70
 - (3) 75
 - (4) 135
- 16 How many **common** factors do 6 and 36 have?
- (1) 1
 - (2) 2
 - (3) 3
 - (4) 4
- 17 What is the **sum** of the 2nd multiple of 8 and the 4th multiple of 10?
- (1) 16
 - (2) 24
 - (3) 40
 - (4) 56
- 18 In 54 890, what is the **sum** of the value of the digits 4 and 9?
- (1) 13
 - (2) 130
 - (3) 4090
 - (4) 4900

19 What are the values of A and B?



- (1) $A = 20, B = 2$
- (2) $A = 20, B = 6$
- (3) $A = 56, B = 2$
- (4) $A = 56, B = 6$

20 Sharon bought 1 bag and 6 blouses. The bag cost 3 times as much as a blouse. She paid \$252 in total. How much did the bag cost?

- (1) \$28
- (2) \$36
- (3) \$84
- (4) \$189

Section C

Questions 21 to 24 carry 1 mark each. Questions 25 to 29 carry 2 marks each. Write your answers in the space provided. For questions which require units, give your answers in the units stated. (14 marks)

- 21 A number when rounded off to the nearest ten is 2040.
What is the **largest** possible number?

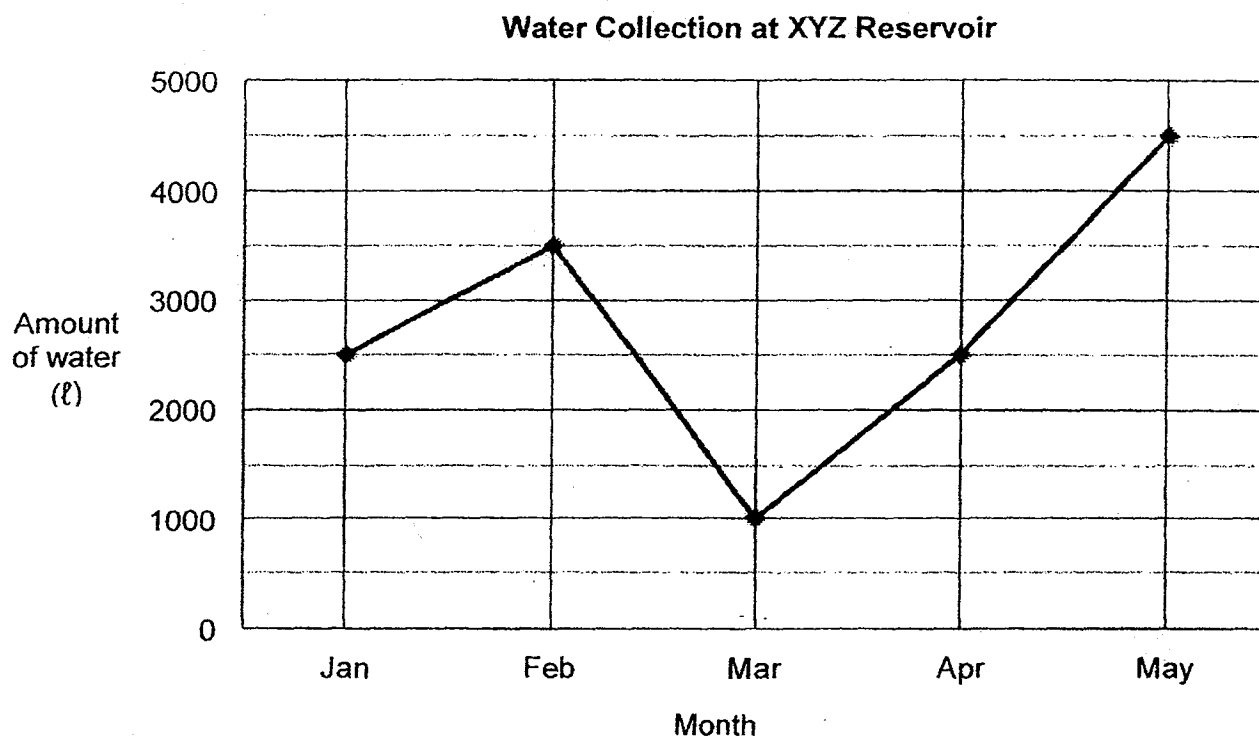
Ans: _____

- 22 Find the value of $5300 \div 5$.

Ans: _____

For questions 23 to 24, refer to the line graph below.

The graph below shows the amount of water collected at XYZ Reservoir over five months.



- 23 What was the total amount of water collected in February?

Ans: _____

- 24 During which 1-month interval was the increase in amount of water collected the greatest?

Ans: From _____ to _____

- 25 What is the missing number in the given number pattern?

85 212, 87 262, _____ 91 362, 93 412

Ans: _____

- 26 A store sells beads in packets of 100. Rita needs 2890 beads for her art project. What is the **smallest** number of packets of beads that Rita needs to buy?

Ans: _____

- 27 Mrs Tan distributed 63 blue pens equally among her students and had none left. She then distributed 35 green pens equally among them and also had none left. What is the **largest** possible number of students?

Ans: _____

- 28 A factory produced 38 600 toys in October.
Every month, it produces 2500 more toys than the previous month.
How many toys will it produce in December?

Ans: _____

- 29 The data below represents the grades of 30 pupils in a Mathematics test.

A	B	B	C	C	C
B	C	C	D	C	D
D	B	A	B	B	C
C	B	D	C	D	C
C	D	B	B	B	C

- (a) Complete the table below.

GRADES	TALLY	NUMBER OF PUPILS
A		2
B		10
C		
D		6

- (b) How many pupils scored below Grade B?

Ans: _____

Section D

For questions 30 to 33, 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. (16 marks)

- 30 Mrs Ng spent \$2518 on a television, a DVD player and a mobile phone.
The television cost \$898 more than the DVD player.
The mobile phone cost three times as much as the DVD player.
What was the cost of the mobile phone?
Round off your answer to the nearest ten dollars.

Ans: _____ [4]

- 31 Mr Tan bought 2814 apples and pears.
There were as many apples as pears.
250 apples were rotten so he threw them away.
He sold 197 apples and packed the rest equally into bags of 5.
How many bags of apples did Mr Tan have?

Ans: _____ [4]

- 32 Peter had \$1800.
After he gave \$400 to John, he had twice as much money as John.
How much money did John have at first?

Ans: _____ [4]

- 33 Sean has fewer than 50 books.
If he packs 7 books into each box, he will have 6 extra books.
If he packs 8 books into each box, he will have 2 extra books.
How many books does he have?

Ans: _____ [4]

End of Paper

EXAM PAPER 2014**LEVEL : PRIMARY 4****SCHOOL : MGS****SUBJECT : MATHS****TERM : CA1****Section A:** Mental sum (No questions available)**Section B:**

Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
3	3	3	2	2	4	4	3	4	3

Section C:

Q21 2044

Q22 1060

Q23 3500

Q24 April and May

Q25 89312

Q26 29

Q27 7

Q28 43600

Q29 (a) $\text{||||} \text{||||} \text{||}$ (12)

(b) 18

Section D

Q30 $\$2518 - \$898 = \$1620$
 $\$1620 \div 5 = \324
 $\$324 \times 3 = \972
 $\$972 \approx \text{\$970}$ (nearest ten dollar)

Q31 $2814 \div 2 = 1407$
 $1407 - 250 - 197 = 960$
 $960 \div 5 = 192$

Q32 $\$1800 - \$400 = \$1400$
2 unit $\rightarrow \$1400$
1 unit $\rightarrow \$700$
 $\$700 - \$400 = \$300$

Q33

7	:	7	14	21	28	35	42	49
+6	:	13	20	27	34	41	48	55
8	:	8	16	24	32	40	48	
+2	:	10	18	26	34	42	50	

He has 34 books.