

Section A

Questions 1 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.

(40 marks)

1 The digit 3 in the number 3468 is in the _____ place.

- (1) tens
- (2) hundreds
- (3) thousands
- (4) ten thousands

2 What is the value of 7 thousands and 23 tens?

- (1) 30
- (2) 723
- (3) 7023
- (4) 7230

3 What is the sum of 408 and 1092?

- (1) 684
- (2) 1140
- (3) 1496
- (4) 1500

4 6980 is 120 less than _____.

- (1) 6860
- (2) 7000
- (3) 7100
- (4) 8180

5 8003 is 100 more than _____.

- (1) 7903
- (2) 8013
- (3) 8103
- (4) 9003

(Go on to the next page)

- 6 Sally uses four letters, A, B, C and D to form a pattern. The first 12 letters are shown below. Which letter is in the 46th position?

A	B	C	D	A	B	C	D	A	B	C	D	?
1 st												

- (1) A
(2) B
(3) C
(4) D
- 7 The difference between 6100 and 3999 is _____.
- (1) 2001
(2) 2100
(3) 2101
(4) 3899
- 8 $7304 - 3663 = \underline{\hspace{2cm}} - 261$
- (1) 3902
(2) 3641
(3) 3380
(4) 3353
- 9 $3 + 3 + 3 + 3 + 12 = \underline{\hspace{2cm}} \times 6$
- (1) 6
(2) 2
(3) 5
(4) 4
- 10 A packet of 7 pencils cost \$3
Sylvia paid \$18 for some pencils.
How many pencils did she buy?
- (1) 6
(2) 42
(3) 54
(4) 126

(Go on to the next page)

3

11

$$\begin{array}{r} 1 \quad 3 \quad 4 \quad R \quad 5 \\ 6 \overline{) \quad \quad \quad ? \quad \quad \quad } \end{array}$$

What is the missing number?

- (1) 164
- (2) 804
- (3) 809
- (4) 834

- 12 Andy has 240 stickers. Andy has 5 times as many stickers as Joe.
How many stickers does Joe have?

- (1) 48
- (2) 235
- (3) 245
- (4) 1200

- 13 Xiǎo Wen bought 4 stickers at 45 cents each.
How much did she spend altogether?

- (1) \$0.85
- (2) \$1.60
- (3) \$1.70
- (4) \$1.80

- 14 Peter has 76 sweets. He gave 4 sweets to each of his friends.
How many friends did he have?

- (1) 18
- (2) 19
- (3) 72
- (4) 80

(Go on to the next page)

- 15 A television set cost \$1260. It cost 3 times as much as a bookshelf.
How much more does the television cost than the bookshelf?

- (1) \$420
- (2) \$840
- (3) \$1680
- (4) \$3780

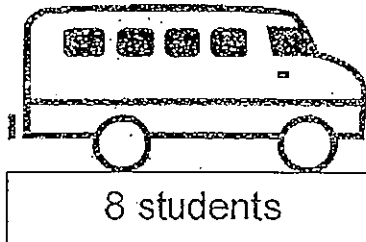
- 16 What is the missing digit in the box?

$$\begin{array}{r}
 4 \quad \boxed{} \quad 8 \\
 - \quad 2 \quad 5 \quad 9 \\
 \hline
 1 \quad 4 \quad 9
 \end{array}$$

- (1) 1
- (2) 9
- (3) 8
- (4) 0

- 17 A school van can take not more than 8 pupils. How many school vans are needed to take 149 pupils on a field trip?

- (1) 19
- (2) 18
- (3) 17
- (4) 16

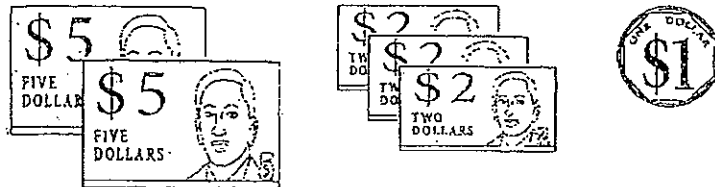


- 18 $1400 \div 10 = 14 \times \underline{\hspace{2cm}}$

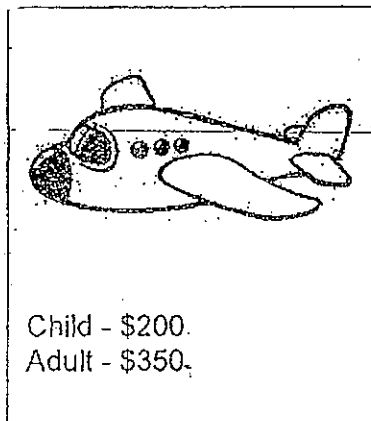
- (1) 1
- (2) 10
- (3) 100
- (4) 1000

(Go on to the next page)

- 19 Sheila went to the stationery shop to buy a set of poster paint. She gave the cashier two \$5 notes, three \$2 notes and one \$1 coin. She received \$0.70 change. How much does the set of poster paint cost?



- (1) \$12.30
 (2) \$13.30
 (3) \$16.30
 (4) \$17.70
- 20 Mrs Teo and her family went for a vacation to Thailand. The price of the tickets is shown below:



She spent **exactly** \$1100 on the tickets. How many tickets did she buy?

- (1) 3 Adult tickets and 1 Child ticket
 (2) 2 Adult tickets and 2 Child tickets
 (3) 1 Adult ticket and 3 Child tickets
 (4) 1 Adult ticket and 4 Child tickets

(Go on to the next page)

METHODIST GIRLS' SCHOOL

Founded in 1887



MID-YEAR EXAMINATION 2013 MATHEMATICS

PRIMARY 3

(BOOKLET B)

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.

Write your answers in this booklet.

Name: _____ ()

Class: Primary 3. _____

Date: 14 May 2013

Booklet A	/ 40
Booklet B	/ 40
Booklet C	/ 20
TOTAL	/ 100

This booklet consists of 8 printed pages including this page.

Questions 21 to 40 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

- 21 Write 2453 in words.

- 22 Arrange the following numbers in descending order.

8657, 8756, 8576, 8675

Ans: _____

- 23 What is 2 tens less than 1908?

Ans: _____

- 24 Using all the digits below, what is the smallest 4-digit even number that can be formed, with digit 2 in the tens place?



Ans: _____

(Go on to the next page)

25 $20 \times 4 = \underline{\quad} \times 8$

Ans: _____

- 26 I am a three-digit number.
I am an even number and can be divided by 5 with no remainder.
Digit 3 is in my tens place.
The digit in my hundreds place is twice the digit in my tens place.
What number am I?

Ans: _____

- 27 Megan had 252 cookies. She packed 3 cookies into each packet.
How many packets were there?

Ans: _____

- 28 Mrs Lee had 364 stickers. She gave each pupil 8 stickers and had 4 stickers left. How many pupils did she have in her class?

Ans: _____

(Go on to the next page)

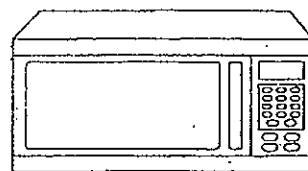
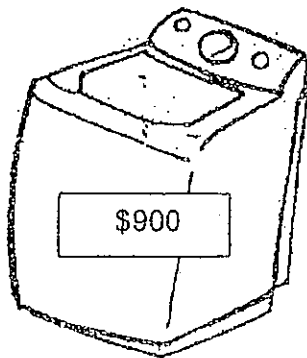
- 29 The difference between two numbers is 432. One number is twice the other number. What is the sum of the two numbers?

Ans: _____

- 30 What is the sum of the values of the digit 4 in the number 4 943?

Ans: _____

- 31 A washing machine cost \$900. It cost \$150 less than a microwave oven. Mr Tan bought a washing machine and a microwave oven. How much did he pay for both items?



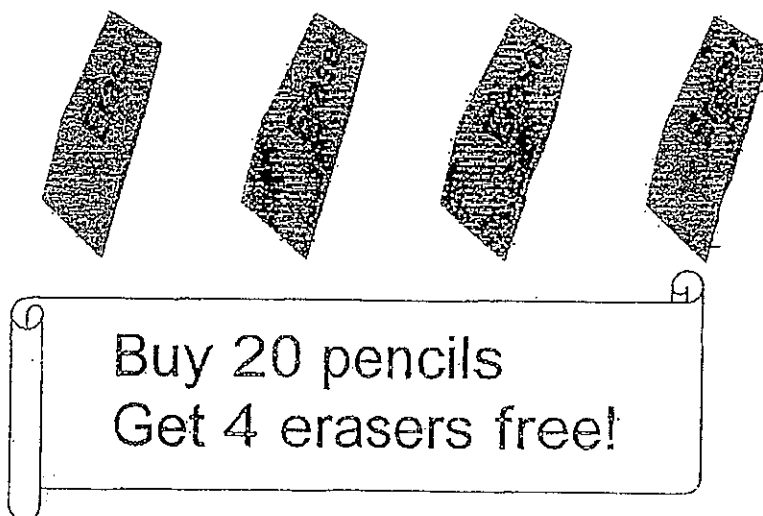
Ans: \$ _____

(Go on to the next page)

- 32 Julia has 14 beads. Mimi has 30 beads. How many beads must Mimi give to Julia so that each of them has an equal number of beads?

Ans: _____

- 33 At Mr Ho's stationery shop, a customer is given 4 erasers for every 20 pencils bought.



Mrs Ng received 28 erasers. How many pencils did she buy?

Ans: _____

(Go on to the next page)

10

- 34 Ann bought the two items shown below for her family. She bought 4 muffins and twice as many doughnuts. How much did Ann pay?



Muffin
\$2



Doughnut
\$1

Ans: \$ _____

35



×



=

36

+



=

18

What does  stands for?

Ans: _____

(Go on to the next page)

- 36 Lily and Rose have \$90 altogether.
Lily has \$14 less than Rose.
How much money does Lily have?

Ans: \$ _____

- 37 A baker baked 286 loaves of bread on Monday. He baked 77 fewer loaves of bread on Tuesday than on Monday. How many loaves of bread did he bake on both days?

Ans: _____

- 38 David had 1000 badminton rackets. He sold an equal number of badminton rackets in January, February and March and had 256 rackets left.
How many badminton rackets did he sell each month?

Ans: _____

(Go on to the next page)

- 39 Army was reading a book. After she had finished reading half of the book, she placed a bookmark between 2 pages. The numbers on these 2 pages add up to 27. What are the 2 page numbers?

Ans: _____ and _____

- 40 An apple cost \$0.50. Pears are sold at 3 for \$1.
Joan bought 4 apples and 12 pears. How much did she pay?



Apple
\$0.50



Pear
3 for \$1

Ans: \$ _____

(Go on to the next page)

METHODIST GIRLS' SCHOOL

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MID-YEAR EXAMINATION 2013 MATHEMATICS

PRIMARY 3

(BOOKLET C.)

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.

For questions 41 to 45, 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)

- 41 Mdm Huda bought some pencils. She kept 13 pencils for herself and gave the rest to her class of 42 pupils. Each pupil received 4 pencils each.

(a) How many pencils were given to her class?

(b) How many pencils did she buy at first?

Ans: (a) _____ [2]

(b) _____ [2]

(Go on to the next page)

42. 2200 people attended a concert. There were 234 more adults than children.

(a) How many adults were there at the concert?

(b) If the price of a child's ticket was \$8, how much was collected from the sale of the tickets?

Ans: (a) _____ [2]

(b) _____ [2]

(Go on to the next page)

15

- 43 At assembly, 170 girls were asked to stand in rows. There were 7 girls in each row, except the last row which had fewer than 7 girls.

(a) How many rows of 7 were there?

(b) How many more girls were needed to fill the last row?

Ans: [a] _____ [2]

[b] _____ [2]

(Go on to the next page)

16

- 44 Yvonne read 5 times as many books as Xavier. Yvonne read 15 more books than Su Ling. Su Ling read twice as many books as Xavier.

(a) How many books did Xavier read?

(b) How many books did they read altogether?

Ans: (a) _____ [2]

(b) _____ [2]

(Go on to the next page)

17

- 45 Mindy has some 50-cent and \$1 coins in her pouch. There are 12 coins altogether. The total value of the coins is \$10.
- (a) If Mindy bought a pencil case for \$3.60, how much money would she have left?
- (b) How many of each type of coins are there?

Ans: (a) _____ [1]

(b) _____ 50¢ coins
_____ \$1 coins [3]

End of Paper

ANSWER SHEET

EXAM PAPER 2013

SCHOOL : METHODIST GIRLS`SCHOOL
 LEVEL : PRIMARY 3
 SUBJECT : MATHEMATICS
 TERM : SA1

Booklet A

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

Q17	Q18	Q19	Q20
1	2	3	2

Booklet B

21. Two thousands, four hundreds and fifty-three.
22. 8756, 8675, 8657, 8576
23. 1888
24. 1025
25. 10
26. 630
27. 84
28. 45
29. 1296
30. 4040
31. 1950
32. 8
33. 140
34. 16
35. 4
36. 38
37. 495
38. 248
39. 13 and 14
40. 6

Booklet C

41a). $42 \times 4 = 168$

b). $68 + 13 = 81$

42a) $2200 + 234 = 2434$

$2434 / 2 = 1217$

b). $(1217 - 234) \times 8 = 7864$

43a). $170 / 7 = 24R2$

b). $7 - 2 = 5$

44a) $15 / 3 = 5$

b) $5 \times 8 = 40$

45a) $10 - 3.6 = 6.4$

b) $12 \times 0.5 = 6$

$10 - 6 = 4$

$4 / 0.5 = 8$

$12 - 8 = 4$