

METHODIST GIRLS' SCHOOL

Founded in 1887



PRIMARY 3 MID-YEAR EXAMINATION 2012 MATHEMATICS

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: 9 May 2012

This booklet consists of 7 printed pages including this page.

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. In 5921, the value of 9 is _____.
(1) 9
(2) 90
(3) 900
(4) 9 000

2. 20 hundreds and 45 tens is the same as _____.
(1) 245
(2) 650
(3) 2 045
(4) 2 450

3. Find the difference between 4 138 and 2 451.
(1) 1 687
(2) 1 787
(3) 2 327
(4) 6 589

4. - Fiona has 384 stickers. She placed 6 stickers on each page in the sticker book. How many pages are there in her sticker book?

(1) 64
(2) 378
(3) 390
(4) 2 304

5. What is the product of 118 and 7?

(1) 115
(2) 726
(3) 756
(4) 826

6. What is the missing number in the box?

$$\boxed{?} + 400 = 6000 - 2500$$

(1) 3 100
(2) 3 500
(3) 8 100
(4) 8 500

7. What is the sum of the value of the digit 3 in 4 302 and 2 034?

- (1) 303
- (2) 330
- (3) 2 268
- (4) 6 336

8. A number when divided by 8 gives a remainder of 2 and a quotient of 4.
What is the number?

- (1) 14
- (2) 20
- (3) 34
- (4) 48

9. $\text{Moon} \times \text{Star} = 369$
 $\text{Star} + \text{Star} = 18$
 $\text{Moon} = \underline{\hspace{2cm}}$

What number does Moon represent?

- (1) 9
- (2) 18
- (3) 20
- (4) 41

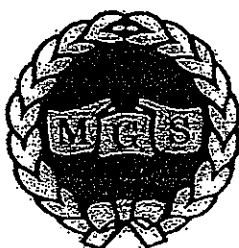
10. Tricia is 15 years old. She is three times as old as her sister. What is the total age of Tricia and her sister?
- (1) 5
 - (2) 20
 - (3) 45
 - (4) 60
11. Ravi had some stamps. He gave 28 stamps away and received 37 stamps from his mother. Now, he has 49 stamps. How many stamps did he have at first?
- (1) 40
 - (2) 58
 - (3) 77
 - (4) 114
12. The digit 4 in 6 407 has the same value as
- (1) 4×1
 - (2) 4×10
 - (3) 40×10
 - (4) 40×100

13. Jasmine, her parents and 2 siblings bought 36 buns each. How many buns did they buy altogether?
- (1) 108
 - (2) 144
 - (3) 150
 - (4) 180
14. A watch costs 3 times as much as a necklace. The total cost of the watch and the necklace is \$480. How much does the watch cost?
- (1) \$120
 - (2) \$160
 - (3) \$240
 - (4) \$360
15. Bag A had 1 200 beads. Bag B had 750 beads. The beads in both bags were distributed equally into 3 boxes. How many beads were there in each box?
- (1) 150
 - (2) 400
 - (3) 650
 - (4) 1950
16. Which of the following is incorrect?
- (1) $7 \times 9 = 9 \times 7$
 - (2) $4 \times 4 = 8 + 4 + 4$
 - (3) $5 \times 2 = 2 + 5$
 - (4) $6 \times 3 = 6 \times 2 + 6$

17. Apples are sold at 3 for \$2. What is the greatest number of apples that can be bought with \$10?
- (1) 5
 - (2) 15
 - (3) 20
 - (4) 30
18. Chandra spent \$1 347. He spent \$589 more than Geok Lan. How much did Geok Lan spend?
- (1) \$758
 - (2) \$858
 - (3) \$1 936
 - (4) \$1 945
19. A coin bank costs \$12 less than a photo frame. 2 similar coin banks cost \$32. What is the cost of a photo frame?
- (1) \$10
 - (2) \$20
 - (3) \$28
 - (4) \$44
20. The cost of a sofa set and a fan is \$5 000. The sofa set costs \$1 350 more than the fan. How much does the sofa set cost?
- (1) \$1 825
 - (2) \$3 175
 - (3) \$3 650
 - (4) \$6 350

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PRIMARY 3 MID-YEAR EXAMINATION 2012 MATHEMATICS

BOOKLET B (Sections B and 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.

Write your answers in this booklet.

Name: _____ ()

Class: Primary 3. _____

Date: 9 May 2012

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

This booklet consists of 13 printed pages including this page.

SECTION B

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in this space

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. Complete the number pattern:

2800, 2950, _____, 3250, 3400

Ans: _____

22. Write 4 309 in words.

Ans: _____

23. What is 100 less than 3 005?

Ans: _____

Score

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(Go on to the next page)

35

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24. I am a four-digit number. I have 3 hundreds. The digit in my tens place is twice the digit in my thousands place. The digit in my ones place is the smallest odd number. What number am I?

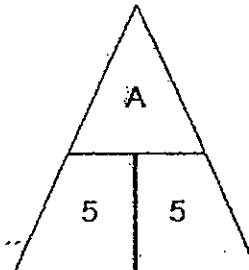
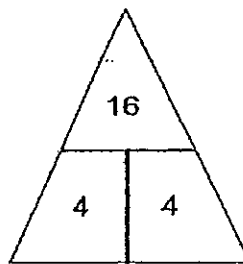
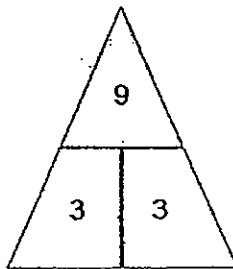
4	?	?	?
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Ans: _____

25. What is $129 \div 7$?

Ans: _____

26. Study the pattern. What number does the letter A represent?



Ans: _____

Score

Do not write
in this space

27. Si En went to a book fair and bought 2 items from the list below. She gave the cashier \$50. She received a change of \$2.50. Which 2 items did she buy?

ITEM	COST
Pencil box	\$18.20
Sticker album	\$22.30
Book	\$23.30
calculator	\$25.20

Ans: _____ and _____

28. What is the greatest 4-digit odd number that can be formed from the digits 3, 0, 8, 2?

Ans: _____

29. A group of girls queued to buy tickets for a show. Mercy was the 7th person from the start and the end of the queue. How many girls were there in the queue?

Ans: _____

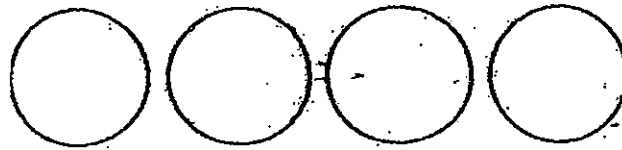
Score

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30. John picked up 2 number cards. The number on each card is a single digit number. The sum of the 2 numbers on the cards was 8. The product of the 2 numbers on the cards was 12. What are the 2 numbers?

Ans: _____ and _____

31. Sam has 4 coins in his pocket that adds up to \$1.25. There may be more than 1 coin of the same value. Write down the value of the coins in the circles below.



32. What is the quotient when 526 is divided by 9?

Ans: _____

Score

33. What is the missing number in the box?

$$5200 \div \boxed{?} = 220 \times 10$$

Ans: _____

34. Paul has 8 toys. He has twice as many toys as Wei Qiang. How many toys must Paul give Wei Qiang so that they each will have the same number of toys?

Ans: _____

35. The total number of cars and motorcycles was 10. If there were 28 wheels altogether, how many cars were there?



Ans: _____

Score

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36. Mrs Chan packed 132 apples into bags of 8 apples. What is the minimum number of bags he would need to pack all the apples?

She

Ans: _____

37. Tian Le has two \$2 notes, one 50-cent coin and seven 20-cent coins. He needs to buy a book that costs \$7. How much more money does he need to buy the book?

Ans: \$ _____

38. Tracy has 10 cards more than Maya. They have 40 cards altogether. How many cards does Maya have?

Ans: _____

Score

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39. Vivian writes a number on her whiteboard. The number is more than 50 but less than 60. It can be divided by 2 and 6 without any remainder. What number did Vivian write?

Do not write
in this space

Ans: _____

40. Rachel had 950 cookies. She ate 100 cookies and packed the remaining cookies in packets of 10. How many packets were there?

Ans: _____

Score

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SECTION C

Do not write
in this space.

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 the brackets [] at the end of each question or part-question. (20 marks)

41. Gopal, Eileen and Faith have 396 seashells altogether. Eileen has 61 seashells. Faith has 4 times as many seashells as Gopal.
- (a) How many seashells does Gopal have?
(b) How many more seashells than Eileen does Faith have?

Ans: (a) _____ [2]

(b) _____ [2]

Score

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42.

3 000 spectators watched a football match over 3 days. 1 236 spectators watched on Tuesday. 240 fewer spectators watched on Wednesday than on Tuesday. How many spectators watched the football match on Thursday?

Do not write
in this space

Ans: _____ [4]

Score

(Go on to the next page)

43. There were 8 carriages in a train. In each carriage, there were 34 passengers.

At Mt Sophia Station, 156 passengers got off and 48 passengers got on the train. How many passengers were on the train when it left Mt Sophia Station?

Do not write
in this space

Ans: _____ [4]

Score

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44. Small and large packets of sugar were sold at the supermarket. A small packet of sugar cost \$2 and a large packet cost \$3. A total of \$108 was collected from the sale of the large packets of sugar.

- (a) How many large packets were sold?
- (b) 27 more small packets of sugar were sold than the large packets of sugar. How much was collected from the sale of the small packets of sugar?

Do not write
in this space

Ans: (a) _____ [1]

(b) _____ [3]

Score

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45. 3 boxes of flowers were delivered to a company. There were 58 flowers in each box. 29 flowers had withered and were thrown away. The rest were repacked into bouquets. There were 7 flowers in each bouquet.

- (a) How many flowers were delivered?
(b) How many bouquets were there?

Do not write
in this space

Ans: (a) _____ [2]

(b) _____ [2]

Score:

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ANSWER SHEET

EXAM PAPER 2012

SCHOOL : MGS

SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA1

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

Q18	Q19	Q20
1	3	2

21)3100

22)four thousand, three hundred and nine

23)2905

24)4381

25)18 R3

26)25

27)calculator and sticker album

28)8203

29)13

30)6 and 2

31)\$50, \$50, 20c, 5c

32)58

33)3000

34)2

35)4

36)3000

37)\$1.10

38)15

39)54

40)85

41)a)67

b)207

42)1236 – 240 = 996

1236 + 996 = 2232

3000 – 2232 = 768

768 spectators watched the football match on Thursday.

43)43 x 8 = 272

272 – 156 = 116

116 + 48 = 164

164 passengers were on the train when it left Mt Sophia Station.

44)a) $\$108 \div \$3 = 36$

36 large packet were sold.

b) $36 + 27 = 63$

$63 \times \$2 = \126

\$126 would be collected.

45)a) $58 \times 3 = 174$

174 flowers were delivered.

b) $174 - 29 = 145$

$145 \div 7 = 20 \text{ R}5$

There were 20 bouquets.