



**MARIS STELLA HIGH SCHOOL (PRIMARY)**

**SEMESTRAL ASSESSMENT 1**

**Primary 3 MATHEMATICS**

**14 MAY 2019**

**BOOKLET A**

17 questions

30 marks

Total time for Booklets A and B: 1 h 45 min

**NAME :** \_\_\_\_\_ (      )

**CLASS : PRIMARY 3** \_\_\_\_\_

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.**

**FOLLOW ALL INSTRUCTIONS CAREFULLY.**

**ANSWER ALL QUESTIONS.**



## SECTION A: 30 marks

Questions 1 to 4 carry 1 mark each. Questions 5 to 17 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 correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

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1. In 5678, the digit \_\_\_\_\_ is in the hundreds place.

- (1) 5
- (2) 6
- (3) 7
- (4) 8

2. 7800 is the same as \_\_\_\_\_.

- (1) 78 ones
- (2) 78 tens
- (3) 78 hundreds
- (4) 78 thousands

3. 6 eights = \_\_\_\_\_.

- (1)  $6 + 8$
- (2)  $8 + 8 + 8 + 8 + 8 + 8$
- (3)  $6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6$
- (4)  $6 + 6 + 6 + 6 + 6 + 6 + 6 + 6$

4. \$1000 is made up of \_\_\_\_\_ \$50-notes.

- (1) 10
- (2) 20
- (3) 50
- (4) 100

5. Which one of the following set of numbers is arranged from the smallest to the greatest?

- (1) 1418, 1430, 1425, 1489
- (2) 5837, 5904, 5846, 5973
- (3) 7270, 7216, 7168, 7105
- (4) 8216, 8245, 8309, 8324

6.  $4100 + 325 = 4000 + \underline{\hspace{2cm}} + 20 + 5$

- (1) 125
- (2) 300
- (3) 325
- (4) 400

7.  $49 = \underline{\hspace{2cm}}$  groups of 7 + 5 groups of 7

- (1) 7
- (2) 2
- (3) 14
- (4) 30

8.  $8000 \div 4 = \underline{\hspace{2cm}}$  tens

- (1) 20
- (2) 2
- (3) 200
- (4) 2000

9.  $486 + 254 = 920 - \underline{\hspace{2cm}}$ .

- (1) 120
- (2) 180
- (3) 220
- (4) 740

10.  $\boxed{?} \div 8 = 4 \times 4$

- (1) 8
- (2) 32
- (3) 64
- (4) 128

11. David has 1024 Pokemon cards. He has 158 cards more than Shaun.  
How many Pokemon cards does Shaun have?

- (1) 866
- (2) 934
- (3) 1134
- (4) 1182

12. Timmy has ten 20¢ coins and some 50¢ coins.  
All these coins add up to \$5.50.  
How many 50¢ coins does Timmy have?

- (1) 5
- (2) 6
- (3) 7
- (4) 11

13. Amelia bought a doll and a watch.

The doll cost \$35 and it is \$12.55 cheaper than the watch.

How much did she pay for both items altogether?

- (1) \$22.45
- (2) \$47.55
- (3) \$57.45
- (4) \$82.55

14. There were 140 apples in a crate. Jenny bought 6 crates of apples and another 65 apples. How many apples did Jenny buy altogether?

- (1) 905
- (2) 840
- (3) 390
- (4) 205

15. Luke has 217 stamps. He has 7 times as many stamps as Keith. How many more stamps does Luke have than Keith?

- (1) 186
- (2) 210
- (3) 1302
- (4) 1519

16. There are 42 passengers on Bus A and 18 passengers on Bus B. How many passengers must be transferred from Bus A to Bus B so that there is an equal number of passengers on both buses?

- (1) 12
- (2) 21
- (3) 24
- (4) 30

17. Ahmad used three types of shapes, ■, ● and ▲ to make a pattern.  
The first 12 shapes are shown below.



Ahmad used a total of 48 shapes to make the pattern. How many ● did he use?

- (1) 12
- (2) 16
- (3) 24
- (4) 32

End of Booklet A  
Go on to Booklet B





**MARIS STELLA HIGH SCHOOL (PRIMARY)**

**SEMESTRAL ASSESSMENT 1**

**Primary 3 MATHEMATICS**

**14 MAY 2019**

**BOOKLET B**

23 questions

50 marks

Total time for Booklets A and B: 1 h 45 min

**NAME :** \_\_\_\_\_ (      )

**CLASS : PRIMARY 3** \_\_\_\_\_

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.**

**FOLLOW ALL INSTRUCTIONS CAREFULLY.**

**ANSWER ALL QUESTIONS.**

**MARKS OBTAINED :**

**BOOKLET A:** \_\_\_\_\_ / 30

**BOOKLET B:** \_\_\_\_\_ / 50

**TOTAL :** \_\_\_\_\_ / 80

**Parent's Signature:** \_\_\_\_\_



**SECTION B (32 marks)**

Questions 18 to 21 carry 1 mark each. Questions 22 to 35 carry 2 marks each.  
Show your workings clearly in the space provided for each question and write your answers in the blanks provided. For questions which require units, give your answers in the units stated.

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18. In 6192, the value of the digit 6 is \_\_\_\_\_.

Answer: \_\_\_\_\_

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19. Write eight thousand, five hundred and three in numerals.

Answer: \_\_\_\_\_

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20. Use all the digits below to form the smallest 4-digit odd number.

2

1

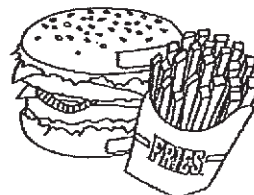
6

5

Answer: \_\_\_\_\_

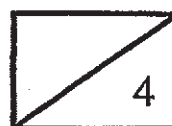
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21. Samuel had \$10. He bought the set meal below and received \$2.85 change.  
How much did he pay for the meal?



Answer: \$ \_\_\_\_\_

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22. Susan puts 274 donuts in boxes. Each box can hold 6 donuts.  
What is the least number of boxes she needs to pack all the donuts?

Answer: \_\_\_\_\_

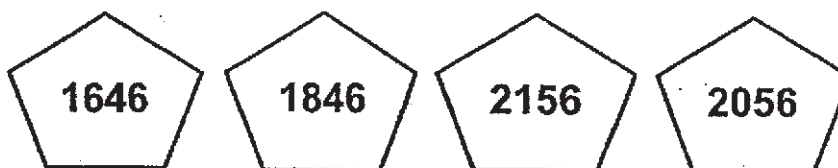
23. Trevor shaded some numbers to make a pattern but missed out 2 numbers.

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |

Which 2 numbers should Trevor shade in order to complete the pattern?

Answer: \_\_\_\_\_ and \_\_\_\_\_

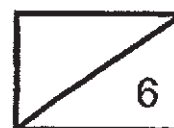
24. Fill in the blanks using two of the numbers given below.



\_\_\_\_\_ (a) is 210 more than \_\_\_\_\_ (b)

Answer: (a) \_\_\_\_\_

(b) \_\_\_\_\_



25. I am a number between 4000 and 5000.

- The digit in the hundreds place is 2.
- The digit in the ones place is 3 times the digit in the hundreds place.
- The digit in the thousands and tens place add up to 9.

What number am I?

Answer: \_\_\_\_\_

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26. Study the number pattern below.

3488 , 3472 , 3457 , 3443 ,     P     ,     Q     , 3407

What are the numbers represented by P and Q?

Answer: P: \_\_\_\_\_

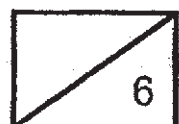
Q: \_\_\_\_\_

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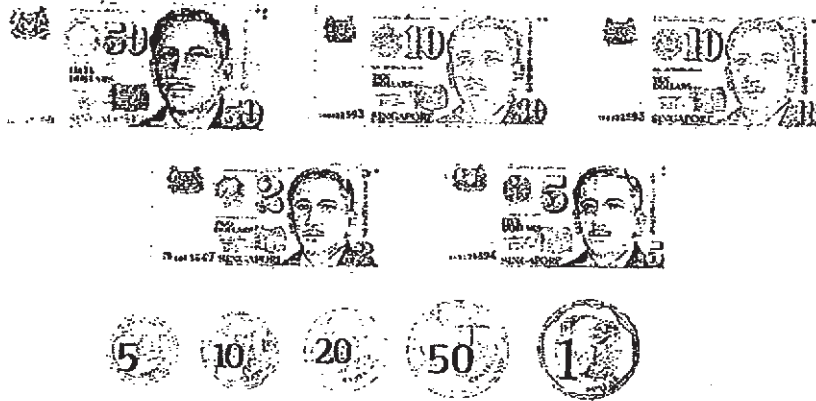
27. The difference between two numbers is 186. The smaller number is 327.  
What is the bigger number?

Answer: \_\_\_\_\_

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28. Choon Ming has the amount of money shown below.  
How much money does he have?



Answer: \$ \_\_\_\_\_

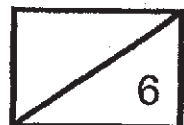
29. There are 1300 children at a funfair. 540 of them are boys.  
How many more girls than boys are there at the funfair?

Answer: \_\_\_\_\_

30. What is the missing number in the box?

$$\begin{array}{r}
 4 \quad 6 \quad 2 \quad 9 \\
 - 2 \quad \boxed{?} \quad 9 \quad 5 \\
 \hline
 1 \quad 7 \quad 3 \quad 4
 \end{array}$$

Answer: \_\_\_\_\_

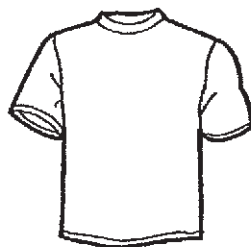


31. Study the pictures below carefully.



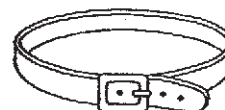
**\$58.40**

**Pants**



**\$42.60**

**T-shirt**



**\$57.40**

**Belt**

Based on the information given, each statement below is either **True** or **False**.  
For each statement, put a tick (✓) in the column to indicate your answer.

|    |                                                                             | True | False |
|----|-----------------------------------------------------------------------------|------|-------|
| a. | Tom spent \$100. He bought the t-shirt and the pants.                       |      |       |
| b. | Paul used six \$10-notes to pay for the belt.<br>He received \$2.60 change. |      |       |

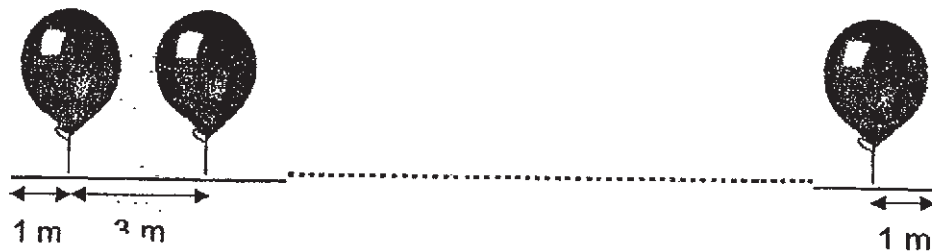
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32. Janice prepares some goodie bags for her friends.  
She puts 7 mini chocolate bars and 5 lollipops into each goodie bag.  
She puts 120 lollipops into the goodie bags altogether.  
How many mini chocolate bars does she put into the goodie bags altogether?

Answer: \_\_\_\_\_

33. When 3 boys share some marbles equally, each boy will get 48 marbles.  
When 8 boys share these marbles equally, how many marbles will each boy get?

Answer: \_\_\_\_\_

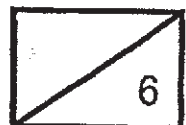
34. 8 balloons are tied to a piece of rope. They are placed 3 m apart from each other.  
1 m of rope is left at each end of the rope. How long is the piece of rope?



Answer: \_\_\_\_\_ m

35. There are a total of 12 cars and motorcycles in a car park.  
They have 38 wheels altogether. How many cars are there in the car park?

Answer: \_\_\_\_\_



**SECTION C (18 marks)**

Questions 36 and 37 carry 3 marks each. Questions 38 to 40 carry 4 marks each. For each of the questions below, show your number statements, workings and final statements clearly. For questions which require units, give your answers in the units stated.

36. There are 6893 English books in a library.  
The number of Chinese books is 253 less than the number of English books.  
The number of Malay books is 106 less than the number of Chinese books.
- How many Malay books are there in the library?

Working Column

Answer:

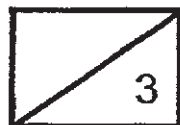
37. A dining table cost \$175 more than a chair.

Mrs Sim bought 1 dining table and 6 such chairs for \$658.

Find the cost of a chair.

Working Column

Answer: \_\_\_\_\_



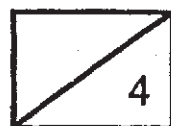
38. Baker Smith sold a total of 5000 cookies on Day 1 and Day 2.  
He sold 2158 cookies on Day 1.  
He sold 365 more cookies on Day 1 than on Day 3.

Working Column

- (a) How many cookies did he sell on Day 2?  
(b) How many cookies did he sell on Day 3?

Answer: (a) \_\_\_\_\_

(b) \_\_\_\_\_



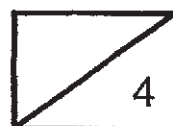
39. Daniel had 2 times as many stickers as Bill.  
Eric had 3 times as many stickers as Daniel.  
Eric had 450 stickers.

Working Column

- (a) Eric pasted 8 stickers on each page of his sticker book.  
How many stickers were on the last page he pasted?
- (b) How many stickers did Bill have?

Answer: (a) \_\_\_\_\_

(b) \_\_\_\_\_



40. Lisa, Tina and Susan have \$420 altogether.  
Tina has \$5 less than Lisa.  
Susan has 3 times as much money as Lisa.

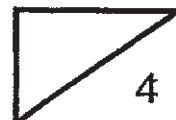
Working Column

- (a) The \$420 are made up of four \$5-notes and the rest are \$10-notes. How many \$10-notes are there?
- (b) How much money does Lisa have?

Answer: (a) \_\_\_\_\_

(b) \_\_\_\_\_

End of Booklet B  
Please check your work carefully.





SCHOOL : MARIS STELLA PRIMARY SCHOOL

LEVEL : PRIMARY 3

SUBJECT : MATH

TERM : 2019 SA1

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**BOOKLET A**

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

**BOOKLET B**

|      |                          |
|------|--------------------------|
| Q18) | 6000                     |
| Q19) | 8503                     |
| Q20) | 1265                     |
| Q21) | $\$10 - \$2.85 = \$7.15$ |
| Q22) | 46                       |
| Q23) | 16 and 40                |
| Q24) | $2056 - 210 = 1846$      |
|      | (a) (b)                  |
| Q25) | 4256                     |
| Q26) | Ans P : 3430<br>Q : 3418 |
| Q27) | $327 + 186 = 513$        |
| Q28) | \$78.85                  |
| Q29) | $1300 - 540 = 760$       |

|      |                                                                                      |
|------|--------------------------------------------------------------------------------------|
|      | $760 - 540 = 220$                                                                    |
| Q30) | $4629 - 2\ 8\ 95 = 1734$                                                             |
| Q31) | a)False<br>b)True                                                                    |
| Q32) | $120 \div 5 = 24$<br>$24 \times 7 = 168$                                             |
| Q33) | $48 \times 3 = 144$<br>$144 \div 8 = 18$                                             |
| Q34) | $21 + 2 = 23$                                                                        |
| Q35) | 7                                                                                    |
| Q36) | $6893 - 253 = 6640$<br>$6640 - 106 = 6534$                                           |
| Q37) | $658 - 175 = 483$<br>$483 \div 7 = 69$                                               |
| Q38) | a) $5000 - 2158 = 2842$<br>b) $2158 - 365 = 1793$                                    |
| Q39) | a) $450 \div 8 = 56\ R2$<br>b) $450 \div 3 = 150$<br>$150 \div 2 = 75$               |
| Q40) | a) $420 - 20 = 400$<br>$400 \div 10 = 40$<br>b) $420 + 5 = 425$<br>$425 \div 5 = 85$ |