# MARIS STELLA HIGH SCHOOL (PRIMARY)

## SEMESTRAL ASSESSMENT 1

## Primary 3 MATHEMATICS

**8 MAY 2018**

**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.

---

1. In 4952, the digit 9 has the same value as _____.

   (1) 9 x 1
   (2) 9 x 10
   (3) 9 x 100
   (4) 9 x 1000

2. 9804 is the same as _____.

   (1) 900 + 80 + 4
   (2) 900 + 800 + 4
   (3) 9000 + 800 + 4
   (4) 9000 + 800 + 40

3. The product of 23 and 8 is _____.

   (1) 31
   (2) 164
   (3) 178
   (4) 184

4. Divide 74 by 6. The remainder is _____.

   (1) 1
   (2) 2
   (3) 12
   (4) 14

5. 3 tens + 68 hundreds = _____.

(1) 71
(2) 683
(3) 710
(4) 6830

6. _____ is 100 more than 3925.

(1) 3825
(2) 3915
(3) 4025
(4) 4125

7. Arrange the numbers in order, from the greatest to the smallest.

3540 , 3450 , 5340 , 4530

greatest smallest

(1) 3450, 3540, 4530, 5340
(2) 5340, 3540, 4530, 3450
(3) 4530, 5340, 3450, 3540
(4) 5340, 4530, 3540, 3450

8. The difference between 2018 and 108 is _____.

(1) 1910
(2) 2110
(3) 2118
(4) 2126

9. $7 \times 9 = \square + 13$

What is the missing number in the box?

(1) 50

(2) 63

(3) 66

(4) 76

10. The sum of two numbers is 6982. One of the numbers is 234. What is the other number?

(1) 4642

(2) 6748

(3) 6752

(4) 7216

11. Omar has two $10 notes, four 20¢ coins and three 5¢ coins in his wallet. What is the total amount of money in his wallet?

(1) $20.85

(2) $20.95

(3) $28.15

(4) $29.05

12. Gretchen sold 5 times as many pears as Larry. Larry sold 380 pears. How many pears did they sell altogether?

(1) 76

(2) 385

(3) 1900

(4) 2280

13. Mrs Teo gave 4 stickers to each of her 8 students. She had 7 stickers left. How many stickers did she have at first?

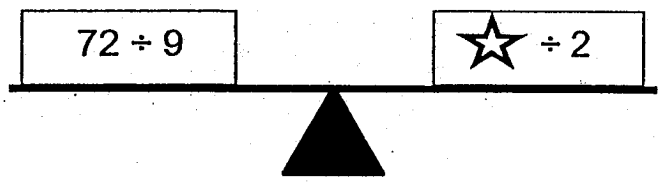
(1) 19

(2) 25

(3) 32

(4) 39

14. What is the value of ☆ below?




(1) 16

(2) 8

(3) 6

(4) 4

15. John is thinking of a 4-digit number.
None of the digits is 0.
The sum of all the digits is 11.
The digit in the hundreds place is smaller than the digit in the tens place.
What number is John thinking of?

(1) 1067

(2) 1523

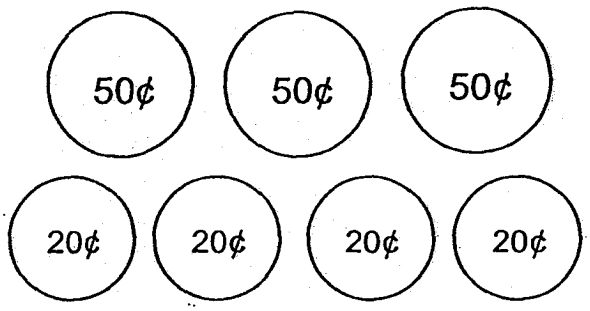
(3) 2144

(4) 3218

16. Mindy baked 1284 chocolate muffins. She baked 230 fewer banana muffins than chocolate muffins. How many muffins did she bake altogether?

(1) 1054
(2) 1514
(3) 2338
(4) 2798

17. Willy has 7 coins shown below.




He used 4 of these coins to pay for a pen. He did not get back any change. What could be the cost of the pen?

(1) $1.10
(2) $1.30
(3) $1.50
(4) $1.90

**End of Booklet A**

**Go on to Booklet B**

# MARIS STELLA HIGH SCHOOL (PRIMARY)

## SEMESTRAL ASSESSMENT 1

## Primary 3 MATHEMATICS

## 8 MAY 2018

## 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.

---

18. Write six thousand, seven hundred and twelve in numerals.

Answer: _____

---

19. In 2348, which digit is in the hundreds place?

Answer: _____

---

20. Express 2805 cents in dollars and cents.

Answer: $ _____ . _____

---

21. Use all the digits below to form the greatest 4-digit **odd** number.

| 2 | 0 | 5 | 3 |
|---|---|---|---|

Answer: _____

---

4

22. Tanny holds up a card which says **4197**

He describes this 4-digit number in two sentences shown below.
Write **'True'** or **'False'** for each of the sentences.

(i) The 4-digit number is an even number.

(ii) The value of the digit in the thousands place is 1000.

Answer: (i) _____

(ii) _____

---

23. Amelia spent $52.85 on a calculator. She gave the cashier a $100 note.
How much was her change?

Answer: $ _____

---

24. Study the number pattern below.

389, 399 , 499 , 509 , ___X___ , ___Y___ , 719

What are the numbers represented by X and Y?

Answer: X: _____

Y: _____

---

6

25. A durian seller had 4500 durians. He threw away 67 rotten durians and sold 1768 durians. How many durians had he left?

Answer: _____

---

26. What numbers do **A** and **B** represent?

$$\begin{array}{r} 8\,\boxed{A}\,3\,9 \\ -\ 2\,1\,4\,3 \\ \hline 6\,3\,9\,\boxed{B} \\ \hline \end{array}$$

Answer: A = _____

B = _____

---

27. Mr Tim wants to buy a computer which costs $2389. He has $1089 now. How much must he save so that he has enough money to buy the computer?

Answer: $ _____

---

6

28. Ahmad had 158 cards. He kept 80 cards for himself and gave the remaining cards equally to Bala and Chris. How many cards did Ahmad give Bala?

Answer: _____

---

29. Sally has 360 beads. She shares them equally with 3 of her friends. How many beads does each of them get?

Answer: _____

---

30. A baker has 374 donuts. How many boxes, each containing 9 donuts, can the baker get at most?

Answer: _____

---

6

31. Wayne worked at XYZ bookshop and earned $763. He earned $7 an hour. How many hours did he work?

Answer: _____ h

---

32. The canteen sells fruits at the prices shown below.

| apple | orange | banana | watermelon |
|---|---|---|---|
| | | | |
| 40¢ | 45¢ | 50¢ | 35¢ |

Thomas bought two different fruits with 1 fifty-cent coin and 3 ten-cent coins exactly. Which two fruits did he buy?

Answer: _____ and _____

---

33. There were 3287 visitors to the zoo on Sunday. There were 237 more children than adults in the zoo that day. How many adults were there?

Answer: _____

---



6

34. Sandy bought 3 times as many sweets as Alan. She bought 240 more sweets than Alan. How many sweets did they buy altogether?

Answer: _____

---

35. A small van can carry 8 people. There are 75 people going on a trip together. At least how many such vans are needed for the trip if everyone takes the van and sets off for the destination together?

Answer: _____

---

4

**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. Tom collected 412 tokens at a carnival.

Pat collected 27 fewer tokens than Tom.

Sam collected 84 more tokens than Pat.

How many tokens did Sam collect at the carnival?

Working Column

Answer: _____

---

/3

37. Doris has 125 beads and Pete has 65 beads.
How many beads must Doris give Pete so that they have an equal number of beads in the end?

Working Column

Answer: _____

3

38. Mr Tan has 856 water bottles.
He sold 473 water bottles to Shop X at $2 each and the rest to Shop Y at $3 each.

(a) How many water bottles did he sell to Shop Y?

(b) How much money did he collect from Shop Y?

Working Column

Answer: (a)

(b)

4

39. Mary has 3 pieces of $10 notes and 12 fifty-cent coins in her piggy bank. Her brother has 4 times as much in his piggy bank.

(a) How much does Mary have in her piggy bank?

(b) How much does her brother have in his piggy bank?

Working Column

Answer: (a) _____

(b) _____

4

40. David bought 13 buns and 10 eggs on Sunday.
He starts eating them on Monday.
Each day, he eats 3 buns and 2 eggs.
On which day will David have an equal number of buns and eggs left?

Working Column

Answer: _____

**End of Booklet B**

4

EXAM PAPER 2018 (P3)

SCHOOL : MARIS STELLA

SUBJECT : MATHEMATICS

TERM : SA1

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

18)6712 19)3 20)$28.05 21)5203 22)i)False ii)False

23)$47.15 24)X: 609 Y: 619 25)2665 26)A: 5 B: 6

27)$1300 28)39 29)90 30)41 31)109 h

32)orange and watermelon 33)1525 34)480 35)10

36)412 – 27 = 385

385 + 84 = 469

37)5 + 10 + 15 = 30

38) a)856 – 473 = 383

b)383 x $3 = $1149

39) a)$30 + $6 = $36

b)$36 x 4 = $144

**40)Wednesday**