



NANYANG PRIMARY SCHOOL

**FIRST SEMESTRAL EXAMINATION  
2018**

**PRIMARY 3**

**MATHEMATICS  
(BOOKLET A)**

Total Duration for Booklets A and B: 1 hour 45 minutes

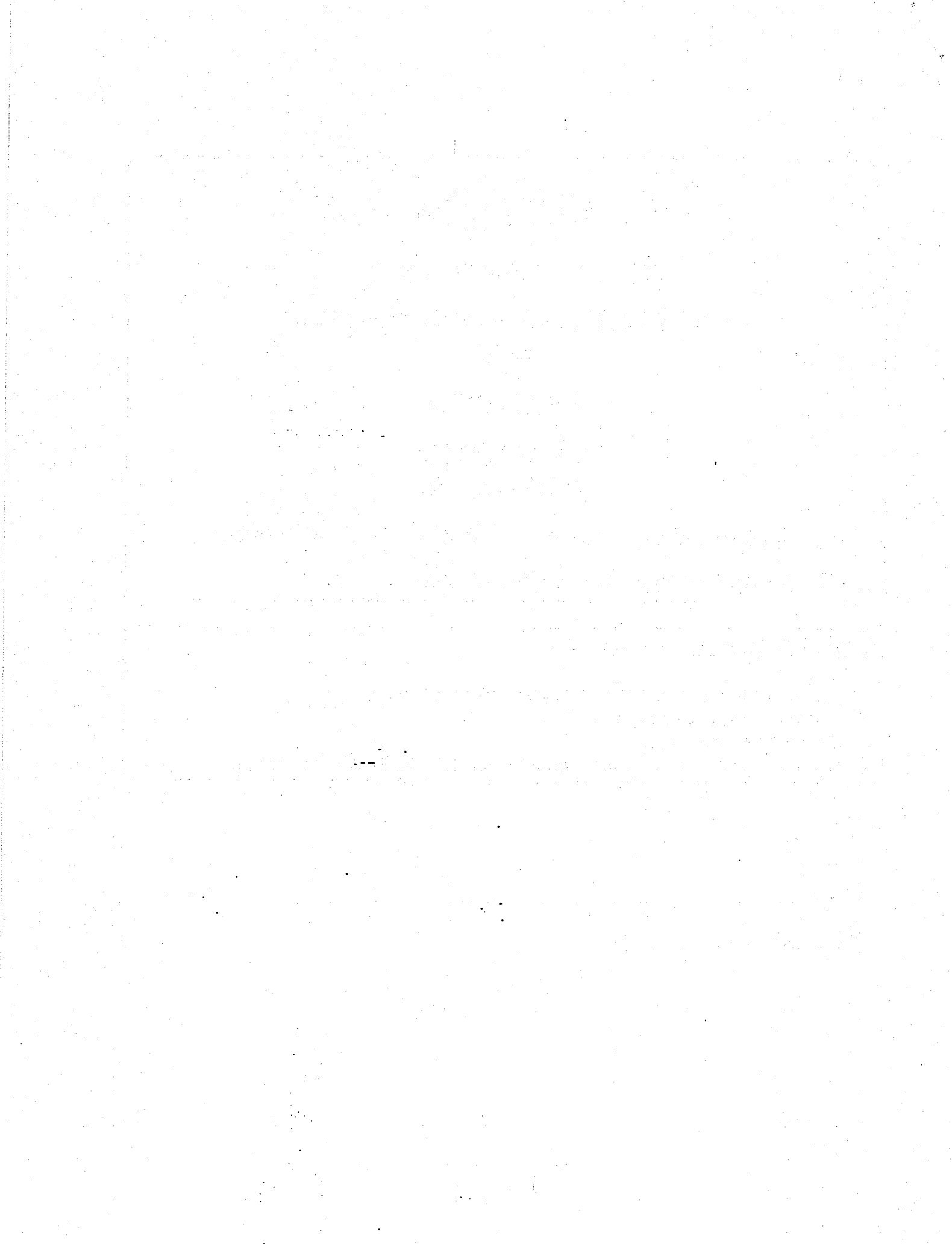
Additional materials: Optical Answer Sheet (OAS)

**INSTRUCTIONS TO PUPILS**

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Shade your answers in the Optical Answer Sheet (OAS) provided.

Name: \_\_\_\_\_ (      )

Class: Primary 3 (      )



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) and shade your answer on the Optical Answer Sheet. (40 marks)

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1. In the number 6789, the digit \_\_\_\_\_ is in the hundreds place.

- (1) 6
- (2) 7
- (3) 8
- (4) 9

2. Write 5078 in words.

- (1) Five thousand, seven hundred and eighty
- (2) Five thousand, seven hundred and eight
- (3) Five thousand and seventy-eight
- (4) Five thousand and eighty-seven

3. Arrange the following numbers in order, starting from the smallest number.

4321
------

4213
------

4312
------

4123
------

- (1) 4321 , 4312 , 4213 , 4123
- (2) 4321 , 4123 , 4213 , 4312
- (3) 4123 , 4213 , 4312 , 4321
- (4) 4123 , 4321 , 4213 , 4312

4. What is the difference between 9420 and 2387?

(1) 7033

(2) 7143

(3) 7167

(4) 7807

5. What is 72 divided by 9?

(1) 6

(2) 7

(3) 8

(4) 9

6. What is the product of 819 and 7?

(1) 5616

(2) 5673

(3) 5733

(4) 6093

7. How many groups of four are there in 84?

(1) 1

(2) 12

(3) 21

(4) 4

8. Jeremy had 3 one-dollar coins and 5 five-cent coins.  
He bought a pen for \$1.95. How much money did he have left?

- (1) \$1.05                      (2) \$1.10  
(3) \$1.30                      (4) \$2.80

9. Study the number pattern below.

2023	2143	2263	2383	?
------	------	------	------	---

What is the missing number?

- (1) 2395  
(2) 2403  
(3) 2503  
(4) 2523
10. What is the missing number in the box?

$$\boxed{?} - 2852 = 2569$$

- (1) 283  
(2) 4321  
(3) 4311  
(4) 5421

11. School A has 5732 chairs.  
School B has 3647 chairs.  
How many more chairs does School A have than School B?

- (1) 2085
- (2) 2115
- (3) 2179
- (4) 9379

12. Xuan Ren has 4365 cards.  
Belle has 251 cards fewer than Xuan Ren.  
How many cards do they have altogether?

- (1) 4114
- (2) 4616
- (3) 8479
- (4) 8981

13. There were 4 sweets in a packet.  
Ramesh bought 9 such packets.  
He then gave all the sweets equally to 6 friends.  
How many sweets did each friend get?

- (1) 5
- (2) 6
- (3) 19
- (4) 36

14. Mrs Tan baked 157 muffins to give to her students.  
Each student received 6 muffins.  
How many muffins were left?

- (1) 1
- (2) 26
- (3) 3
- (4) 27

15. There are 420 rubber bands in each bag.  
There are 4 such bags of rubber bands.  
How many rubber bands are there altogether?

- (1) 105
- (2) 168
- (3) 1680
- (4) 1684

16. Samantha had 329 candles.  
She packed them into boxes of 8 candles.  
How many more candles would she need to fill up the  
last box of 8 candles?

- (1) 1
- (2) 7
- (3) 33
- (4) 41

17. Teck Meng has 9 crayons.  
Peter has 8 more crayons than twice the number of crayons that Teck Meng has.  
How many crayons do they have altogether?

- (1) 19
- (2) 25
- (3) 26
- (4) 35

18. Solve the following equation.

$$\$2.30 + \$1.90 = \$8.80 - \boxed{?}$$

What is the missing amount of money?

- (1) \$4.20
- (2) \$4.60
- (3) \$6.50
- (4) \$6.90

19. Niven bought 2 pens which cost \$1.15 each and 2 books which cost \$2.25 each.  
He paid the shopkeeper with a ten-dollar note.  
How much change did he receive?

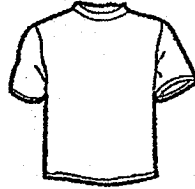
- (1) \$3.20
- (2) \$3.40
- (3) \$4.55
- (4) \$6.80



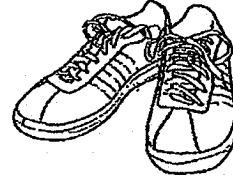
20. Siti visited the sports store. She had \$70 to buy 3 of the items below. She bought a baseball cap and 2 other different items.



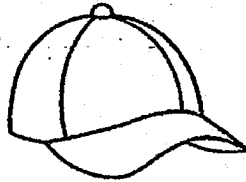
Table Tennis Bat  
\$26.50



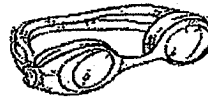
T-shirt  
\$17.50



Tennis Shoes  
\$40.50



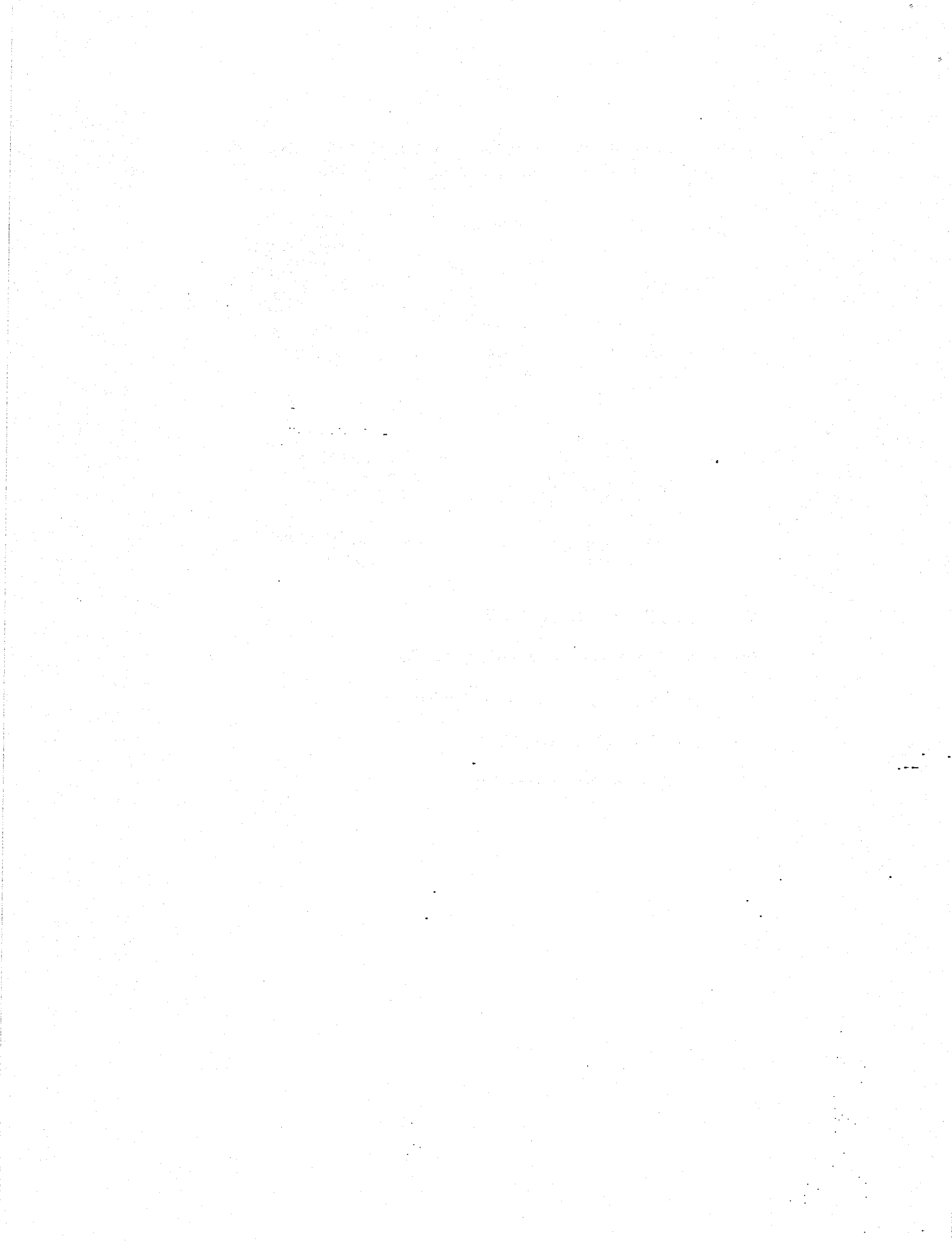
Baseball Cap  
\$25.50



Swimming Goggles  
\$30.50

Which other 2 items did she buy?

- (1) Tennis Shoes and Swimming Goggles
- (2) Tennis Shoes and Table Tennis Bat
- (3) T-shirt and Swimming Goggles
- (4) T-shirt and Table Tennis Bat





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2018**

**PRIMARY 3**

**MATHEMATICS  
(BOOKLET B)**

Total Duration for Booklets A and B: 1 hour 45 minutes

**INSTRUCTIONS TO PUPILS**

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Write your answers in this booklet.

Name: \_\_\_\_\_ (      )

Class: Primary 3 (      )

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

<b>Booklet A</b>	<b>/ 40</b>
<b>Booklet B</b>	<b>/ 60</b>
<b>Total</b>	<b>/ 100</b>

Any query on marks awarded should be raised by **17 May 2018**. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.



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

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21. What is the missing number in the box below?

$$3000 + \boxed{\quad ? \quad} + 80 + 9 = 3989$$

Ans: \_\_\_\_\_

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22. Write nine thousand, four hundred and sixty-five in numerals.

Ans: \_\_\_\_\_

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23. a) Convert \$1.45 to cents.

b) Convert 2345¢ to dollars.

Ans: (a) \_\_\_\_\_ ¢

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

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24. Mr Lee sold 7156 fans on Monday.  
He sold 2843 fans on Tuesday.  
What is the total number of fans he sold on both days?

Ans: \_\_\_\_\_

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25. A truck can carry 7 washing machines.  
How many washing machines can 4 such trucks carry altogether?

Ans: \_\_\_\_\_

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26. What is the missing number in the box?

$$210 \times 3 = \boxed{\quad ? \quad}$$

Ans: \_\_\_\_\_

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27. What is the quotient when 723 is divided by 6?

Ans: \_\_\_\_\_

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28. Look at the number cards below.

**6**

**3**

**9**

**0**

**4**

What is the **smallest** 4-digit **odd** number which can be formed with the 5 digits shown above?  
Use each digit once only.

Ans: \_\_\_\_\_

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29. On Monday, Mr Yong did 50 push-ups.  
On Tuesday, he did 55 push-ups.  
On Wednesday, he did 60 push-ups.  
He continued to do push-ups in the same pattern for the next few days.  
On which day would he do 75 push-ups?

Ans: \_\_\_\_\_

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30. Felicia bought 5411 beads.  
She bought another 3278 beads.  
How many beads did she buy in all?

Ans: \_\_\_\_\_

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31. Su Lin has 9782 toy cars.  
Ravi has 3641 fewer toy cars than Su Lin.  
How many toy cars does Ravi have?

Ans: \_\_\_\_\_

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32. Kim Yong bought a music player for \$49.90 and a pair of headphones for \$24.90.  
He paid the cashier with 2 fifty-dollar notes.  
How much change did he receive?

Ans: \$ \_\_\_\_\_

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33. Fabien had the following coins and notes in his wallet.



Andrea has \$21.  
How much more money did Andrea have than Fabien?

Ans: \$ \_\_\_\_\_



34. There were 7 boxes of chocolate.  
Each box had 8 pieces of chocolates.  
Each teacher was given 4 pieces of chocolate.  
All the chocolate were given to the teachers equally.  
How many teachers were there?

Ans: \_\_\_\_\_

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35. Ricky has 121 marbles.  
Eric has 5 times as many marbles as Ricky.  
How many more marbles does Eric have than Ricky?

Ans: \_\_\_\_\_

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36. The canteen sold 756 bags of fishballs last week.  
Each bag had 6 fishballs.  
What was the total number of fishballs sold last week?

Ans: \_\_\_\_\_

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37. There were 660 children who attended a concert.  
The number of boys who attended was 4 times as many as the number of girls who attended.  
How many girls attended the concert?

Ans: \_\_\_\_\_

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38. Amin baked 329 cookies.  
Amin baked 97 cookies less than Jessica.  
Jessica baked 58 more cookies than Mary.  
How many cookies did Mary bake?

Ans: \_\_\_\_\_

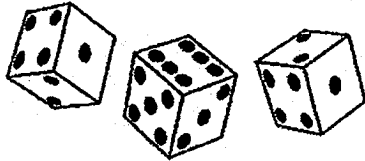
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39. Each ice tray can freeze 9 cubes.  
Denise freezes 2 trays of ice each day.  
How many cubes of ice will she get in 4 days?

Ans: \_\_\_\_\_

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40. Sara rolled 3 six-sided dice.  
There are 1, 2, 3, 4, 5 or 6 dots on each face of the die.  
She got a sum of 12 dots.  
The number of dots on the first die is the same as the number of dots on the second die.  
How many possible ways could Sara get the sum of 12 dots?



Ans: \_\_\_\_\_

For questions 41 to 45, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. (20 marks)

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41. Doreen baked 280 cupcakes.  
She sold 120 cupcakes.

(a) How many cupcakes were not sold?

(b) She then packed the remaining cupcakes into some boxes.  
She packed 8 cupcakes into each box.  
How many boxes did she use to pack her cupcakes?

Ans: (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [2]

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42. There were a total of 252 balloons in a carnival.  
The number of red balloons was twice the number of blue balloons.  
The number of green balloons was twice the number of red balloons.

(a) How many blue balloons were there?

Ans: (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [2]

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43. A shirt cost \$79.90.  
A tie cost \$35.50 less than the shirt.

(a) How much did the tie cost?

(b) Dylan bought the shirt.  
He gave the cashier some money and received \$20.10 in change.  
How much money did he give the cashier?

Ans: (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [2]

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44. A machine printed 2859 worksheets on Monday.  
It printed 3059 worksheets on Tuesday.  
It printed 3259 worksheets on Wednesday.  
It printed 3459 worksheets on Thursday.  
It printed some worksheets in the same pattern on Friday.

(a) How many worksheets did the machine print on Friday?

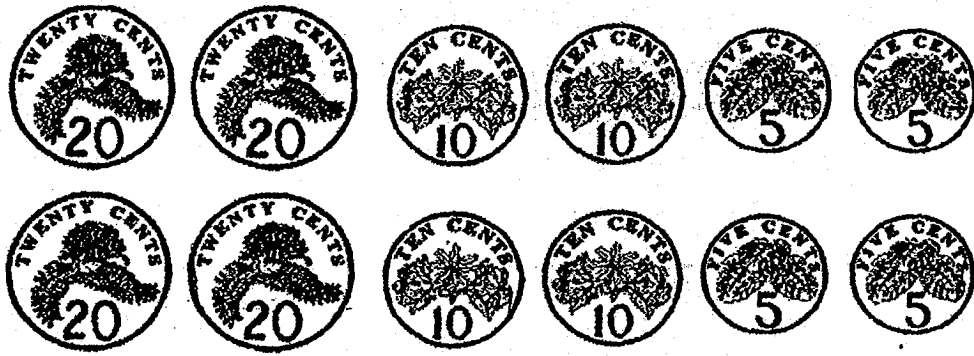
(b) 4000 worksheets are needed on Friday.  
How many more worksheets must the machine print on Friday?

Ans: (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [2]

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45. (a) Mr Pang has a total of 6 five-cent coin(s), ten-cent coin(s) and twenty-cent coin(s).  
The coins give a sum of 80¢.  
Circle the coins that Mr Pang has. [1]



- (b) Mrs Chan has 6 pieces of 5-dollar notes and 2-dollar notes altogether.  
She had a total of \$24.  
How many 5-dollar notes does she have?

Ans: (b) \_\_\_\_\_ [3]

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End of Paper



**EXAM PAPER 2018 (P3)**

**SCHOOL : NANYANG**

**SUBJECT : MATHEMATICS**

**TERM : SA1**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	3	1	3	3	3	3	3	4
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
1	3	2	1	3	2	4	2	1	4

21)900      22)9465      23)a)145      b)\$23.45      24)9999      25)28

26)630      27)120      28)3049      29)Saturday

30)  $5411 + 3278 = 8689$

31)  $9782 - 3641 = 6141$

32)  $\$50 \times 2 = \$100$

$\$49.90 + \$24.90 = \$74.80$

$\$100.00 - \$74.80 = \$25.20$

33)  $\$21.00 - \$13.85 = \$7.15$

34)  $7 \times 8 = 56$

$56 \div 4 = 14$

35)  $121 \times 5 = 605$

$605 - 121 = 484$

36)  $756 \times 6 = 4536$

37)  $660 \div 5 = 132$

38)  $329 + 97 = 426$

$426 - 58 = 368$

39)  $2 \times 4 = 8$

$8 \times 9 = 72$

40) 3

41) a)  $280 - 120 = 160$

b)  $160 \div 8 = 20$

42) a)  $7u = 252$

$1u = 252 \div 7 = 36$

b)  $4u \rightarrow 36 \times 4 = 144$

43) a)  $\$79.90 - \$35.50 = \$44.40$

b)  $\$79.90 + \$20.10 = \$100.00$

44) a)  $3459 + 200 = 3659$

b)  $4000 - 3659 = 341$

45) a) 20 , 20 , 20 , 20

b) 4