



HENRY PARK PRIMARY SCHOOL
2018 SEMESTRAL EXAMINATION 1
MATHEMATICS
PRIMARY 3

Name: _____ ()

Parent's Signature

Class: Primary 3 _____

Duration of Paper: 1 h 45 min

Marks:

Section A (MCQ)	13
Section B (Open-Ended)	45
Section C (Problem Sums)	22
Total	80

Section A: Multiple Choice Questions (13 marks)

Questions 1 to 5 carry 1 mark each. Questions 6 to 9 carry 2 marks each.

Choose the correct answer and write its number in the brackets provided.

You are required to shade the correct oval of your answer (1, 2, 3 or 4) in the Optical Answer Sheet (OAS) provided.

1. What does the digit 8 in 9381 stand for?

- (1) 8
- (2) 80
- (3) 800
- (4) 8000

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2. Which of the following numbers is the closest to 5000?

- (1) 4690
- (2) 4980
- (3) 5010
- (4) 5100

()

3. Which of the following has the same value as 4 fives?

- (1) $4 + 4 + 4 + 4$
- (2) $5 + 5 + 5 + 5$
- (3) $4 \times 4 \times 4 \times 4 \times 4$
- (4) $5 \times 5 \times 5 \times 5 \times 5$

()

4. What is the product of 357 and 3?

- (1) 951
- (2) 971
- (3) 1051
- (4) 1071

()

5. Mark has some money as shown below.
How much money does Mark have altogether?



- (1) \$10.90
(2) \$11.60
(3) \$12.30
(4) \$12.60

()

6. What is the missing number in the following number pattern?

7146 , 7142 , _____ , 7136 , 7134 , 7130 , 7128 , 7124

- (1) 7132
- (2) 7134
- (3) 7138
- (4) 7140

()

7. At a restaurant, 2741 chicken burgers were sold on Sunday.
835 fewer chicken burgers were sold on Monday than on Sunday.
How many chicken burgers were sold on both days?

- (1) 1906
- (2) 3576
- (3) 4647
- (4) 6317

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8. Which of the following numbers has a remainder when correctly divided by 7?

- (1) 28
- (2) 49
- (3) 63
- (4) 97

()

9. Jane had \$90. She paid \$14.50 for a pair of shoes and \$26.85 for a dress. How much money does Jane have left?

- (1) \$41.35
- (2) \$48.65
- (3) \$63.15
- (4) \$75.50

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(Go on to Section B)

Section B: Open-Ended Questions (45 marks)

Questions 10 to 14 carry 1 mark each. Write your answers in the boxes provided.
For questions which require units, give your answers in the units stated.

10. What is 4 hundreds more than 8861?

11. Find the sum of 2418 and 1026

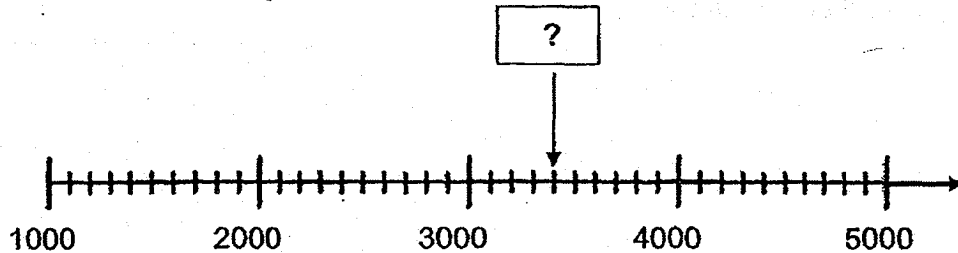
12. Find the product of 6 and 9

13. Find the quotient when 368 is divided by 4

14. Esther has a total of 47 ten-cent coins. How much money does she have?

Questions 15 to 34 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.

15. What is the missing number in the number line shown below?



16. Use the following digits to form the greatest 3-digit **even** number.
Each digit can only be used once.

3

6

9

17. There are 967 fiction books and 3142 non-fiction books in the library.
How many fiction and non-fiction books are there altogether?

18. Find the difference between the greatest number and the smallest number shown below.

1423

1432

1502

1482

19. Study the table shown below. What are the values of (a) and (b) in the table?

Number of spiders	1	2	3	4	5		(b)
Number of legs	8	16	(a)	32	40		72

(a)

(b)

20. Mrs Tan had 72 lollipops. She gave the lollipops to 6 children. Each child received an equal number of lollipops. How many lollipops did each child receive?

21. What is the quotient and remainder when 784 is divided by 9 ?

R

22. Fred bought 24 packets of red buttons and 16 packets of white buttons. There are 6 buttons in each packet. How many buttons did Fred buy altogether?

23. A bag of apples costs \$3. Mr Ng bough some bags of apples and paid \$18 in total. How many bags of apples did Mr Ng buy ?

24. Ali paid a total of \$6 for one marker and one pen. The marker costs twice as much as the pen. What is the cost of the marker?

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25. Arrange the numbers in order beginning with the greatest

3425	4325	3542	3452
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_____ , _____ , _____ , _____

26. In the number pattern shown below, find the value of A and B.

		850		
		845		
810	825	840	855	A
		835		
		830		
		B		

A is
B is

27. Mary bought some sweets. She packed 5 sweets into a bag. After packing 8 such bags, she had 4 sweets left. How many sweets did Mary have at first?

28. Alice thought two numbers between 25 and 35. These two numbers can be divided exactly by 4. What are the two numbers that Alice thought of?

29. Tommy baked 633 cupcakes. He packed all the cupcakes into boxes of 5. How many cupcakes were left unpacked?

30. Jeremy thought of two numbers. The sum of the two numbers is 2113.
The difference between the two numbers is 535. What are the two numbers?

and

31. Rick had 600 more marbles than Benny at first.
Rick then gave Benny 100 marbles.

a) Who has more marbles now, Rick or Benny?

(a)

b) How many **more** marbles had he?

(b)

more

32. Jane had some pens. She threw 18 pens away as they were spoilt.
She then bought another 26 pens. In the end, Jane had 93 pens.
How many pens did Jane have at first?

33. Each statement below is either true or false. For each statement, put a tick (✓) in the correct column.

Jareth has a collection of 108 marbles.

He wants to give each of his friends 5 marbles.

Statement	True	False
(a) Jareth has enough marbles to give to 22 friends.		
(b) Jareth buys 12 marbles to add to his collection. Now, he has enough marbles to give 24 friends 5 marbles each.		

34. Claire has \$35. She has an equal number of 5-dollar and 2-dollar notes.
How many 2-dollar notes does she have?

NAME: _____

CLASS: Primary 3 _____

Section C: Problem Sums (22 marks)

Read the problem sums carefully before solving it. Show your working and write your word statements clearly. The number of marks available is shown in brackets [] at the end of each question or part-question.

35. Alex has 1095 stamps. Bryan has 430 more stamps than Alex.
Calvin has 269 fewer stamps than Alex.

(a) How many stamps does Bryan have?

[2m]

Working

(b) How many stamps does Calvin have?

[2m]

36. Mrs Devi has some pink and green pens. She has 9 packs of pink pens. There are 12 pink pens in each pack.

(a) How many pink pens does Mrs Devi have?

[2m]

Working

(b) Mrs Devi has 29 more pink pens than green pens.

How many pens does she have altogether?

[2m]

37. Miss Tan paid \$72 for some muffins. The muffins were packed in boxes of 2. Each box cost \$8. How many muffins did Miss Tan buy?

[3m]

Working

38. Mrs Goh bought 9 cartons of peaches. There were 12 peaches in each carton

(a) How many peaches did Mrs Goh buy altogether? [2m]

Working

(c) Mrs Goh paid \$126 for the 9 cartons of peaches.

How much did 1 carton of peaches cost? [2m]

39. There were 3095 pupils in a school. 1198 pupils were boys and the rest were girls. How many more girls than boys were there in the school?

[3m]

Working

40. Jasmine used some white and grey square tiles to form the figures shown below.

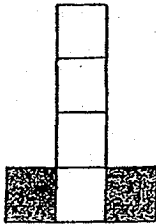


Figure 1

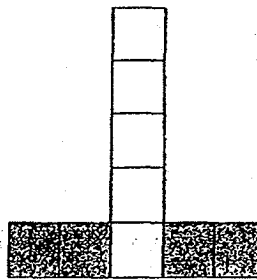


Figure 2

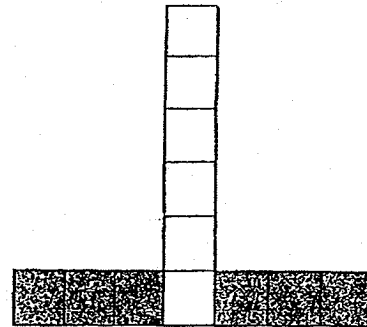


Figure 3

The table below shows the number of tiles used in each figure.

Figure	Number of white tiles	Number of grey tiles	Total number of tiles
1	4	2	6
2	5	4	9
3	6	6	12
4	7	(ai) _____	(aii) _____

a) Based on the information in the table given , find

(ai) number of grey tiles.

[1m]

(aii) total number of tiles.

[1m]

b) Jasmine followed the same pattern and used some tiles to form Figure 9.

What was the total number of tiles she use for Figure 9?

[2m]

- END OF PAPER -

EXAM PAPER 2018 (P3)

SCHOOL : HENRY PARK

SUBJECT : MATHEMATICS

TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9
2	3	2	4	3	4	3	4	2

10) 9261

11) 3444

12) 54

13) 92

14) \$4.70

15) 3400

16) 936

17) 4109

18) 79

19) a)24 b)9

20) 12

21) 87 R 1

22) 240

23) 6

24) \$4

25) 4325 , 3542 , 3452 , 3425

26) A is : 870 B is : 825

27) 44

28) 28 and 32

29) 3

30) 789 and 1324

31) a)Rick b)400 more

32) 85

33)a)False b)True

34) 5

35) a) $1095 + 430 = 1525$

b) $1095 - 269 = 826$

36) a) $9 \times 12 = 108$

b) $108 - 29 = 79$

$108 + 79 = 187$

37) $\$72 \div \$8 = 9$

$9 \times 2 = 18$

38) a) $12 \times 9 = 108$

b) $\$126 \div 9 = 14$

39) $3095 - 1198 = 1897$

$1897 - 1198 = 699$

40) ai)8 aii)15

b) $112 + 18 = 30$

