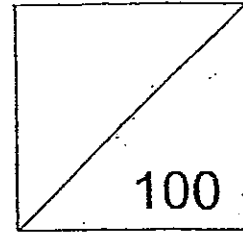**HENRY PARK PRIMARY SCHOOL**
2012 SEMESTRAL EXAMINATION 1
MATHEMATICS
PRIMARY 3

100

Name: ( )   Parent's Signature

Class: Pr 3

Duration of Paper: 1 h 30 min

Section A: (20 x 2 marks = 40 marks)

Read each question carefully. For each question, four options are given. One of them is the correct answer. Choose the correct answer (1, 2, 3 or 4). Shade the correct oval on the Optical Answer Sheet provided.

1.   In 9587, the value of the digit 5 is _____.

   (1)   5
   (2)   50
   (3)   500
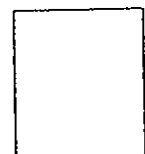   (4) 5000   (   )

2.   Which is the greatest number?

   (1) 7451
   (2) 7915
   (3) 7951
   (4) 7519   (   )

3.   What is the difference between 9000 and 729?

   (1) 8271
   (2) 8781
   (3) 9381
   (4) 9729   (   )

4. Divide 56 by 8. The answer is _____

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

5. Multiply 403 by 7. The answer is _____

    (1) 2801
    (2) 2821
    (3) 2871
    (4) 2891   (   )

6. 3×7 is the same as _____

    (1) $3 + 3 + 3$
    (2) $3 \times 3 \times 3$
    (3) $7 + 7 + 7$
    (4) $7 \times 7 \times 7$ (   )

7. Mr Tan bought 4 packets of potato chips, A, B, C and D.
    Which packet of chips cost the least?

    A   B   C   D

    $2.30   95¢   125 ¢ $0.75

    (1) A
    (2) B
    (3) C
    (4) D   (   )

8. What is 100 more than 4912?

    (1) 4812
    (2) 4922
    (3) 5012
    (4) 5112   (   )

9. Study the number pattern below. What is the missing number?

    2665 , 2815 , 2965 , _____ , 3265 , 3415

    (1) 3015
    (2) 3065
    (3) 3115
    (4) 3165   (   )

10. The difference between two numbers is 309. The smaller number is 99.
    What is the value of the greater number?

    (1) 105
    (2) 210
    (3) 204
    (4) 408   (   )

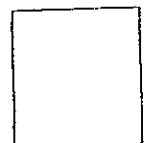11. $\boxed{}$ ÷ 8 = 14 R 6

    What is the missing number?

    (1) 62
    (2) 92
    (3) 112
    (4) 118   (   )

12. 805 ÷ 5 = _____ - 39
    What is the missing number?

    (1) 122
    (2) 140
    (3) 161
    (4) 200   (   )

A3

13. Study the number line below. What is the value of A?

```
    ──┼──┼──┼──┼──┼──┼──┼──┼──
      406   446         A     546
```
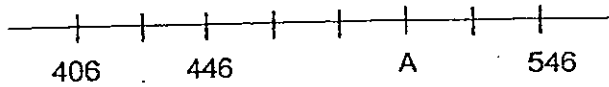
(1) 466
(2) 486
(3) 506
(4) 526

(   )

14. Elaine bought a bag for $59.90 and a dress for $19.90.
She gave the cashier two fifty-dollar notes.
How much change would she receive?

(1) $ 20.20
(2) $ 21.10
(3) $ 30.20
(4) $ 31.20

(   )

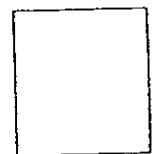15. A chair costs $45 less than a table. A table costs $125. How much do 4 chairs cost?

(1) $170
(2) $180
(3) $320
(4) $680

(   )

16. Subtract 23 tens from 10 hundreds. The answer is _____

(1) 770
(2) 977
(3) 1023
(4) 1230

(   )

17. Emily has 2080 stickers, Joanna has 1009 stickers and
Tiffany has 788 stickers less than Emily.
How many stickers do they have altogether?

(1) 3310
(2) 3877
(3) 4381
(4) 5390   (   )

18. Sylvia had some packets of biscuits. After giving 66 packets of biscuits
to each of her 4 siblings, she had 2 packs of biscuits left. How many
packs of biscuits did Sylvia have at first?

(1) 256
(2) 264
(3) 266
(4) 272   (   )

19. Mrs Chua bakes some tarts to distribute to her neighbours.
When she gives each of them 4 tarts, she will have 6 extra tarts.
When she gives each of them 6 tarts, she will need to bake another 4
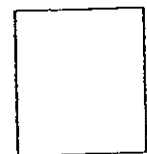tarts more. How many neighbours does she have?

(1) 5
(2) 2
(3) 10
(4) 20   (   )

20. Alan, Benny and Calvin have 120 stamps altogether. Alan has 5
stamps more than Benny. Benny has twice as many stamps as Calvin.
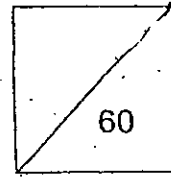How many stamps does Calvin have?

(1) 12
(2) 20
(3) 23
(4) 25   ‒   (   )

AS

Name:_____ _____(   )

Class: Pr 3 _____

60

Read the questions carefully. Show your working clearly and write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

21. Write 2847 in words.

_____

22. What is the sum of 2549 and 4087?

23. Subtract 455 from 10 000.

24. Find the quotient and remainder when 492 is divided by 7.

R

25. Find the product of 9 and 989.

[   ]

26. Nick spent $2.55 on a bar of chocolate, $18.45 on a T-shirt and $12.90 on a book.
How much did he spend in all?

$ [   ]

27. Use the digits below to form the greatest possible 4-digit number which is greater than 2400 but less than 3500. Each digit can only be used **once**.

| 3 | 8 | 0 | 2 |

[   ]

28. 2 thousands + 12 hundreds + 25 ones = _____

[   ]

[   ]

אז

29. What is the sum of all the **even** numbers between 3085 and 3089?

30. $19 \times 6 = \boxed{?} \times 6 + 18$

    What is the missing number?

31. Amy baked some muffins and packed them into 8 boxes.
    Each box could hold 6 muffins. Amy then had 5 muffins left.
    How many muffins did she bake?

32. Cindy scored 100 points in a game. She scored 4 times as many points as Jenny.
    How many points did both of them score in all?

33. Jack wants to buy a kite that costs $38.90. He has only $23.35.
How much more money does Jack need to buy the kite?

$ [   ]

34. Joe saves $2.20 each day. How much money will he save in 3 days ?

$ [   ]

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

4967   8458   9042

[   ]

[   ]

36. Find the sum of 8888 and the smallest possible 4-digit number.

The answer is _____.

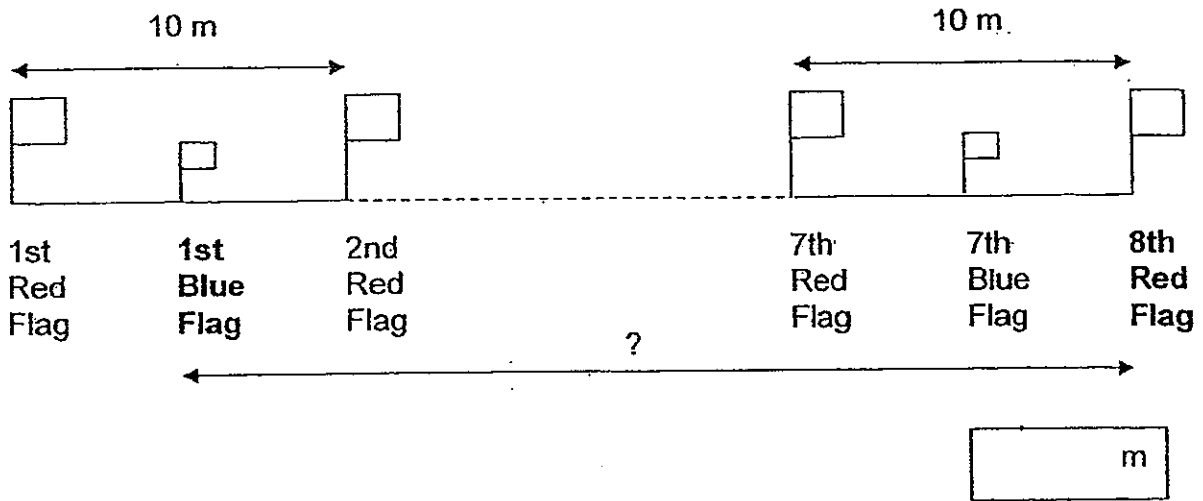37. Subtract $47.50 from the sum of $46.72 and $23.66.

38. For every 20 pencils he sold, Mr Lee gave away 3 erasers.

Given that Mr Lee gave away 27 erasers, how many pencils did he sell?

39. 9 identical chairs are as heavy as 6 identical desks. The mass of each chair is 8kg.

What is the mass of 1 such desk and 1 such chair?

kg

40. Red flags are placed along a foot path at an equal distance of 10 m away from each other. A blue flag is placed in the middle of every two red flags.

What is the distance between the 1st blue flag and the 8th red flag?

10 m				10 m		
1st Red Flag	1st Blue Flag	2nd Red Flag	?	7th Red Flag	7th Blue Flag	8th Red Flag

$$\boxed{\qquad\qquad \text{m}}$$

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## Section C: Problem Sums (5 x 4 marks = 20 marks)

Read the following problem sums carefully. Show your working clearly and write your answers in the spaces provided.

41.   Joseph has 899 pencils. He has 299 more pencils than Jimmy.

How many pencils do the two boys have altogether?

Working

42.   Paul and James have 807 marbles altogether.

Paul has 155 marbles more than James.

(a) How many marbles does James have?

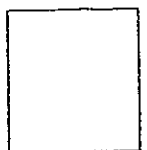(b) How many marbles does Paul have?

Working
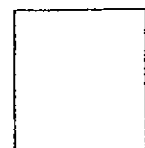
43. Mr Ho put 260 files equally into 9 boxes.

He then packed the remaining files into 4 equal bags.

How many files did he put into each bag?

44. Hazel has 13 twenty-cent and ten-cent coins.

The total value of the coins is $2.30.

How many twenty-cent coins does she have?
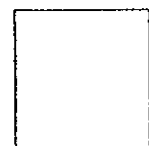
(Hint: You may use Guess & Check)

53

45. Yvonne read 6 times as many books as Xavier. Zachary read twice as many books as Xavier. Yvonne read 25 more books than Xavier. How many books did the three children read altogether?

Working

-END OF PAPER-

ANSWER SHEET

EXAM PAPER 2012

SCHOOL : HENRY PARK
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA1

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

Q18	Q19	Q20
3	1	3

21)two thousand, eight hundred and forty-seven

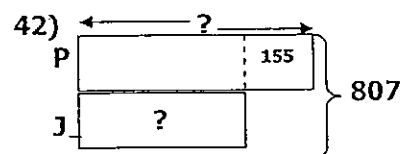22)6636   23)9545   24)70 R2   25)8901   26)$33.90

27)3280   28)3225   29)6174   30)16   31)53

32)125   33)$15.55   34)$6.60   35)4075   36)9888

37)$22.88   38)180   39)20kg   40)65m

41)899 − 299 = 600
    600 + 899 = 1499
The two boys have 1499 pencils altogether

42)

807 − 155 = 652
652 ÷ 2 = 326
James has 326 marbles.
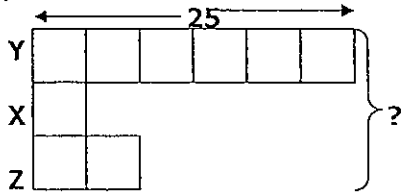326 + 155 = 481
Paul has 418 marbles.

43) 260 ÷ 9 = 28

    28 ÷ 4 = 2

He put 2 files into each bag.

44)

20c coins	10c coins	total	check
7	6	$2.00	X
10	3	$2.30	√

She has 10 twenty-cent coins

45)

    25 ÷ 5 = 5

    9 x 5 = 45

The three children read 45 books altogether.