



HENRY PARK PRIMARY SCHOOL  
2014 SEMESTRAL EXAMINATION 2  
MATHEMATICS  
PRIMARY 3

Name: \_\_\_\_\_ (      )

Parent's Signature

Class: Primary 3, \_\_\_\_\_

\_\_\_\_\_

Duration of Paper: 1 h 45 min

Marks:

|                          |            |
|--------------------------|------------|
| Section A (MCQ)          | 40         |
| Section B (Open-Ended)   | 40         |
| Section C (Problem Sums) | 20         |
| <b>Total</b>             | <b>100</b> |

**Section A: Multiple Choice Questions (20 x 2 marks = 40 marks)**

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. Which numeral has the digit 6 in its hundreds place?

- (1) 2679
- (2) 2769
- (3) 6297
- (4) 7926

(      )

2. What is the value of the digit 8 in 3481?

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

(      )

3. Add 1987 to 4015.

- (1) 5002
- (2) 5902
- (3) 5992
- (4) 6002

(      )

4.  $\$36.10 - \$29.25 =$ 

|   |
|---|
| ? |
|---|

- (1) \$5.75
- (2) \$6.85
- (3) \$6.95
- (4) \$7.25

(      )

5. Express 5 l 20 ml in millilitres.

- (1) 520 ml
- (2) 5002 ml
- (3) 5020 ml
- (4) 5200 ml

(      )

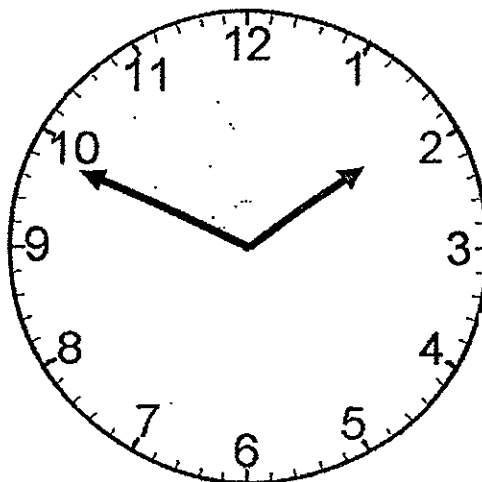
6. What is the missing numerator?

$$\frac{2}{3} = \frac{\boxed{?}}{12}$$

- (1) 11
- (2) 8
- (3) 6
- (4) 4

(      )

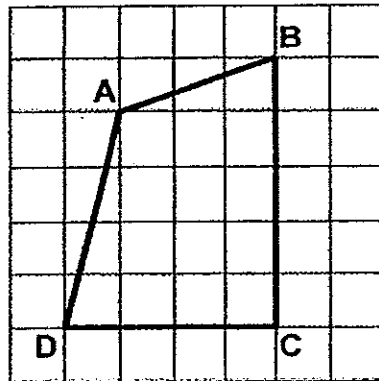
7. What is the time shown on the clock below?



- (1) 11 minutes to 2 o'clock
- (2) 11 minutes past 2 o'clock
- (3) 49 minutes to 2 o'clock
- (4) 49 minutes past 2 o'clock

(      )

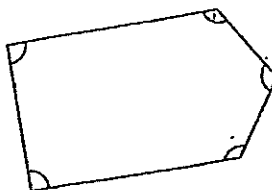
8. Name the pair of perpendicular lines in the figure below.



- (1)  $AB \perp BC$
- (2)  $BC \perp CD$
- (3)  $CD \perp DA$
- (4)  $DA \perp AB$

( )

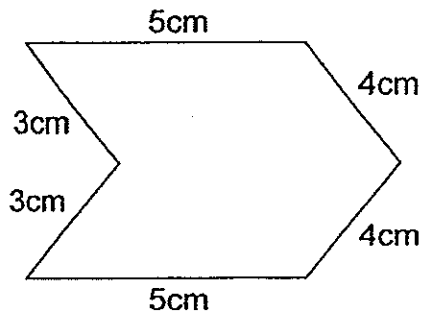
9. In the figure shown below, how many of the marked angles are greater than a right angle?



- (1) 5
- (2) 2
- (3) 3
- (4) 4

( )

10. Find the perimeter of the figure below.



- (1) 19 cm  
(2) 20 cm  
(3) 21 cm  
(4) 24 cm
- ( )
11. Which of the following is the smallest even number?
- (1) 1013  
(2) 1590  
(3) 1805  
(4) 1952
- ( )
12. The sum of two numbers is 2517.  
One of the numbers is 802.  
What is the difference between the two numbers?

- (1) 913  
(2) 1113  
(3) 1513  
(4) 1715

( )

13. Mei Mei bought 45 stickers. She put all of them equally into 7 groups and had some stickers left. How many stickers had Mei Mei left?

(1) 1  
(2) 2  
(3) 3  
(4) 6

(      )

14. David gave 7 pencils to each of his 9 friends. He had 4 pencils left. How many pencils did he have at first?

(1) 28  
(2) 43  
(3) 63  
(4) 67

(      )

15. A comic book cost \$9.35. A storybook cost \$4.65 more than the comic book. Ramana bought the storybook and paid with a \$20 note. How much change did he receive?

(1) \$6.00  
(2) \$10.65  
(3) \$14.00  
(4) \$15.35

(      )

16. Dennis bought a birthday cake at \$26 and a card for \$2.80. He had \$12.20 left. How much did Dennis have at first?

(1) \$30.00  
(2) \$31.00  
(3) \$40.00  
(4) \$41.00

(      )

17. Rohan is 103 cm tall. His sister is 25 cm shorter than him.  
What is their total height?

- (1) 128 cm
- (2) 181 cm
- (3) 225 cm
- (4) 231 cm

(      )

18. Irene and Ken shared a cake for tea.  
Irene ate  $\frac{5}{8}$  of the cake while Ken ate  $\frac{1}{4}$  of it.  
What fraction of the cake was left?

(1)  $\frac{1}{8}$

(2)  $\frac{3}{4}$

(3)  $\frac{3}{8}$

(      )

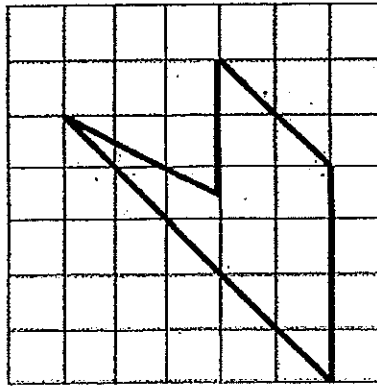
(4)  $\frac{7}{8}$

19. Mrs Lim completed a puzzle at 5.45 p.m.  
She took 3 h 15 min to complete it.  
At what time did she start working on the puzzle?

- (1) 2.30 p.m.
- (2) 3.00 p.m.
- (3) 3.30 p.m.
- (4) 9.00 p.m.

(      )

20. How many pair(s) of parallel lines are there in the figure below?



- (1) 1
- (2) 2
- (3) 3
- (4) 4

(      )

(Go on to Section B)

NAME: \_\_\_\_\_

CLASS: Primary 3 \_\_\_\_\_

**Section B: Open-Ended Questions (20 x 2 marks = 40 marks)**

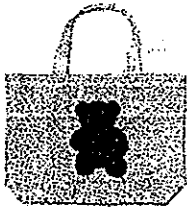
Read the following questions carefully and write your answers in the boxes provided. Show all your workings clearly.

21. Write two thousand and fifty-four in figures.

22. What number is 2 tens more than 3095?

23. Find the sum of \$40.25 and \$19.90.

24. Arrange Bags A, B, C and D in order of their mass, beginning with the lightest.



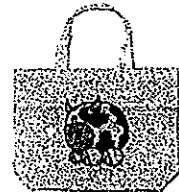
**Bag A**  
2 kg 3 g



**Bag B**  
1800 g



**Bag C**  
2030 g



**Bag D**  
1 kg 80 g

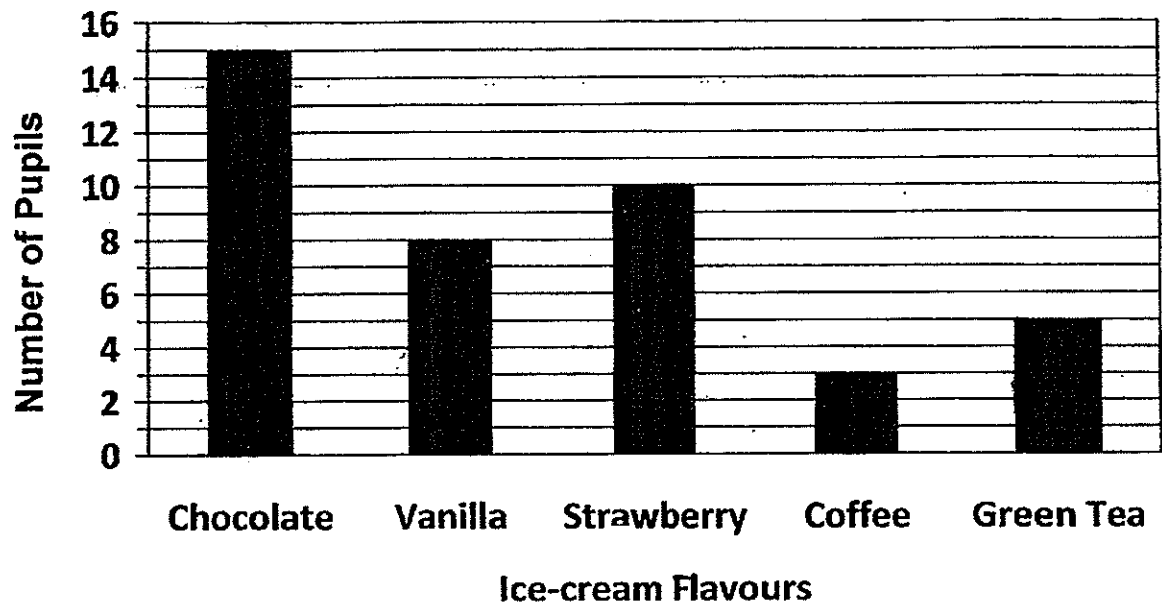
Bag \_\_\_\_\_, Bag \_\_\_\_\_, Bag \_\_\_\_\_, Bag \_\_\_\_\_  
**Lightest**

25. Add  $\frac{5}{12}$  and  $\frac{1}{3}$ . Express your answer as a fraction in its simplest form.

26. Express 265 minutes in hours and minutes.

|   |     |
|---|-----|
| h | min |
|---|-----|

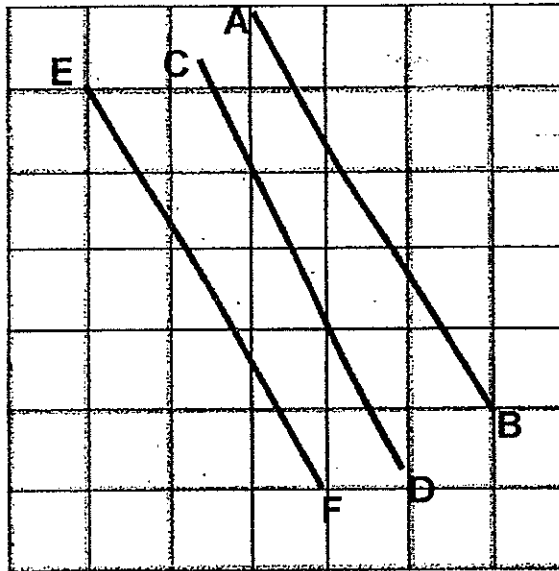
27. The bar graph below shows the different ice-cream flavours that pupils from class 3J prefer.



- (a) Which ice-cream flavor do most pupils like?

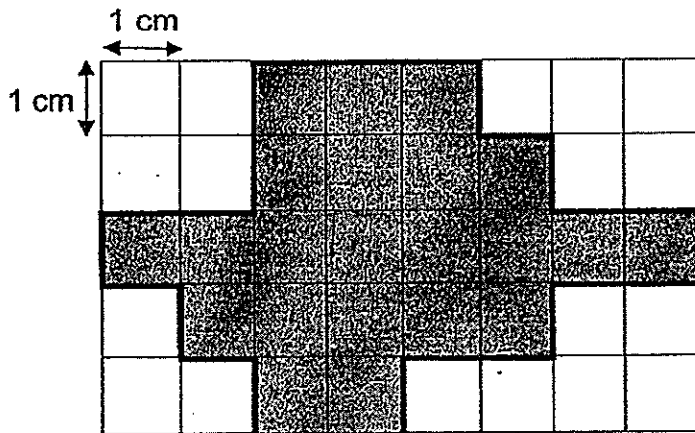
- (b) What is the total number of pupils who like vanilla ice-cream and green tea ice-cream?

28. Name the pair of parallel lines in the figure below.



//

29. The figure below is made up of 1-cm squares. Find the area of the figure below.



cm<sup>2</sup>

30. Mr Cheng made 7800 fishballs. He sold 3975 fishballs in the morning and 2015 fishballs in the afternoon. How many fishballs were not sold at the end of the day?

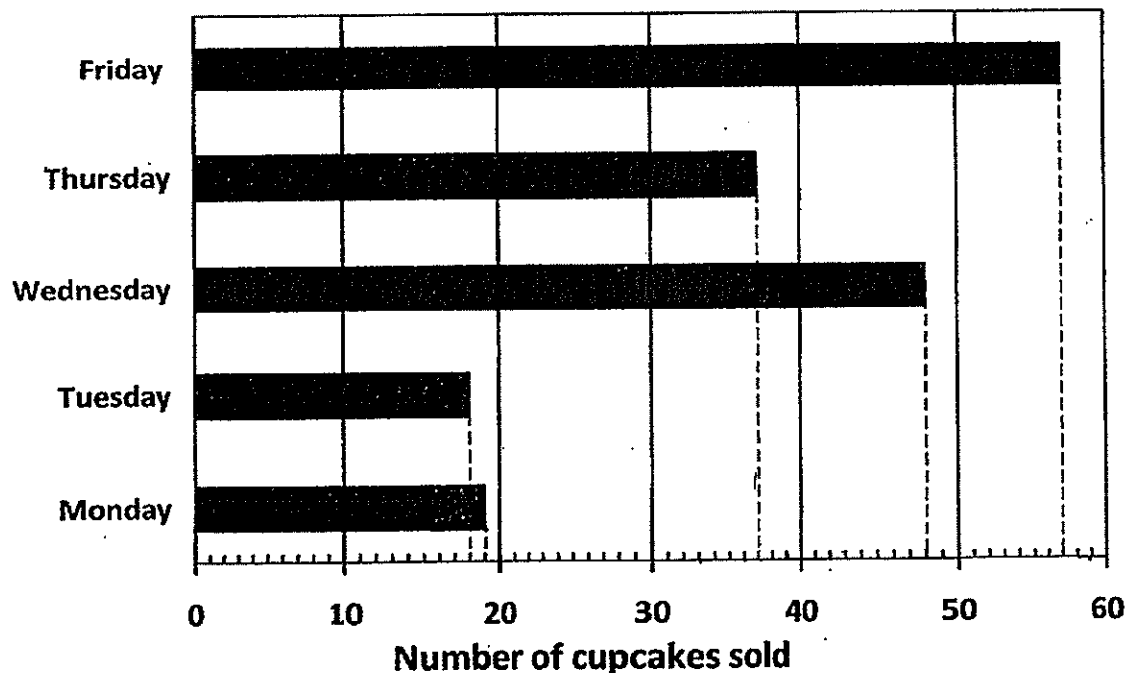
31. Fatimah baked 99 tarts. She kept 15 tarts for herself and gave the remaining tarts to her friends. Each of her friends received 7 tarts. How many friends did Fatimah give her tarts to?

32. A wallet costs \$29.95. A key pouch costs \$3.90 less than the wallet. What is the total cost of the two items?

33. A jug can hold 3000 *ml* of water. Jenny poured 450 *ml* of rose syrup and 800 *ml* of water into the jug. How much more water should be added to the jug to fill it completely?

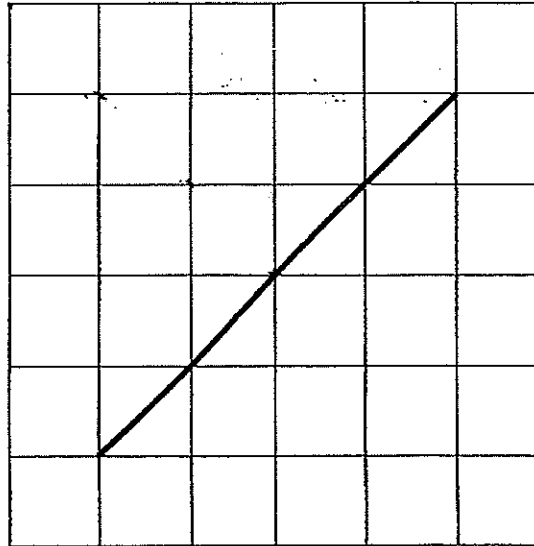
*ml*

34. The bar graph below shows the number of cupcakes sold in a week at Martha's bakery.



How many more cupcakes were sold on Friday than on Monday?

35. Use a ruler to draw a line that is perpendicular to the given line below.



36. Find the perimeter of a rectangular pool of length 36 m and breadth 18 m.

|  |   |
|--|---|
|  | m |
|--|---|

|  |
|--|
|  |
|--|

37. Emily has 5317 beads. 1438 of the beads are red and the rest are green. How many fewer red beads than green beads does Emily have?

38. Bala has 157 marbles. Wei Ming has 5 times as many marbles as Bala. How many marbles do they have altogether?

39. Felicia and Jian Gang spent a total of \$94.50 at a book fair. Felicia spent \$26.50 more than Jian Gang. How much did Jian Gang spend?

\$

40. Mrs Wong had a ribbon that was 4 m long. She gave away 15 cm and cut the rest of the ribbon into 7 equal pieces. What was the length of each piece of cut ribbon?

cm

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

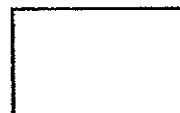
Read the problem sums carefully before solving it.  
Show all your working clearly.

41. A fruit seller bought 6 boxes of oranges. Each box contained 180 oranges. He repacked the oranges into bags of 8. How many bags of oranges did the fruit seller have after repacking?

Working

42. Suresh had \$100. He spent \$12.55 on a toy car and \$49.90 on a train set. How much had Suresh left?

Working

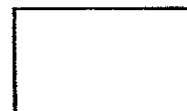


43. Mr Lim bought 519 g of sugar. He bought thrice as much flour as sugar. How much more flour than sugar did Mr Lim buy? Write your answer in kilograms and grams.

Working

44. Brandon had 3712 stamps. Carol had 405 fewer stamps than Brandon. How many stamps did they have altogether?

Working



45. Hisham and Melissa had 876 cards. Melissa had twice as many cards as Hisham. How many cards should Melissa give Hisham so that both of them have the same number of cards?

Working



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-END OF PAPER-

Setters:

Mdm Oh Seow Wei

Miss Tan Shi Qi

Mrs Teo- Loh Sheau Mei

**Year: 2014**

**Level: Primary 3** *Henry Park*

**School:**

**Subject: Math**

**Semester: SA2**

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

**Section B**

**Q21) 2054**

**Q22) 3115**

**Q23) \$60.15**

**Q24) Bag D, Bag B, Bag A, Bag C**

**Q25)  $\frac{3}{4}$**

**Q26) 4h25min**

**Q27a) Chocolate**

**Q27b) 13**

**Q28) EF//AB**

**Q29)  $22\text{cm}^2$**

**Q30) 1810 fishballs**

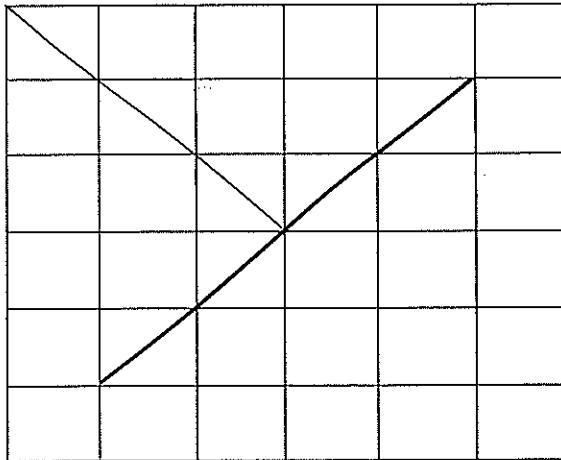
**Q31) 12 friends**

**Q32) \$56**

**Q33) 1750ml**

**Q34) 38 cupcakes**

Q35)



Q36) 108m

Q37) 2441

Q38) 942 marbles

Q39) \$34

Q40) 55cm

Section C

Q41)  $180 \times 6 = 1080$

$1080 \div 8 = 135$

The fruit seller has 135 bags of oranges after repacking.

Q42)  $\$49.90 + \$12.55 = \$62.45$

$\$100.00 - \$62.45 = \$37.55$

Suresh has \$37.55 left.

Q43) Flour =  $519g \times 3 = 1557g$

Difference =  $1557g - 519g = 1038g$

Mr Lim bought 1kg38g more flour than sugar.

Q43) Brandon = 3712

Carol =  $3712 - 405 = 3307$

Total =  $3712 + 3307 = 7019$

**They had 7019 stamps altogether.**

**Q45)  $876 \div 3 = 292$**

**$\text{Melissa} = 292 \times 2 = 584$**

**$584 - 292 = 292$**

**$292 \div 2 = 146$**

**Melissa should give Hisham 146 cards.**

