HENRY PARK PRIMARY SCHOOL
2017 TERM REVIEW 2
MATHEMATICS
PRIMARY 3

Name:_____(   )   Parent's Signature

Class: Primary 3_____   _____

Duration of Paper: 1 h 45 min

Marks:

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

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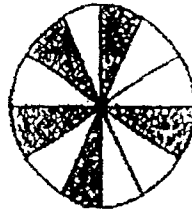You are required to shade the correct oval of your answer (1, 2, 3 or 4) in the
Optical Answer Sheet (OAS) provided.

1. In 6401, the value of the digit 4 is _____.

    (1) 4000
    (2) 400
    (3) 40
    (4) 4   (   )

2. The figure below is divided into equal parts. What fraction of the
    figure is shaded?

    (1) $\frac{5}{7}$

    (2) $\frac{7}{5}$

    (3) $\frac{5}{12}$

    (4) $\frac{7}{12}$

                                                                    (   )

3. Which of the following is likely the length of the whiteboard in your classroom?
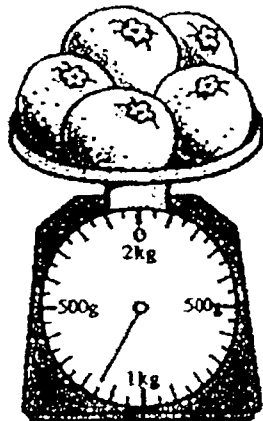
   (1) 3000 cm
   (2) 300 cm
   (3) 3 cm
   (4) 30 cm   (   )

4. $7 \times 9 = 49 +$ $\boxed{?}$

   (1) 7
   (2) 8
   (3) 13
   (4) 14   (   )

5. What is the mass of the oranges shown below?

   (1) 1 kg 30 g
   (2) 1 kg 60 g
   (3) 1 kg 150 g
   (4) 1 kg 300 g   (   )

6. Which of the following fractions is the greatest?

(1) $\dfrac{5}{9}$

(2) $\dfrac{5}{8}$

(3) $\dfrac{5}{7}$

(4) $\dfrac{5}{6}$　　　　　　　　　　　　　　　　(　)

7. How much more money must be added to $2.05 to make $5?

(1) $2.95
(2) $3.05
(3) $3.95
(4) $7.05　　　　　　　　　　　　　(　)

8. 7886 students like to play badminton.
1485 of them were girls and the rest were boys.
How many more boys than girls were there?

(1) 4916
(2) 4926
(3) 5084
(4) 6401　　　　　　　　　　　　　(　)

9. At first, Mary had 70 storybooks more than her cousin.
Then, she gave 10 storybooks to her cousin.
How many more storybooks does Mary have than her cousin now?

(1) 50
(2) 60
(3) 80
(4) 90　　　　　　　　　　　　　(　)

(Go on to Section B)

Questions **10** to **14** carry **1** mark each. Questions **15** to **34** carry **2** marks each.
Read the following questions carefully and write your answers in the boxes provided.
Show your working clearly. For questions which require units, give your answers in the units stated.

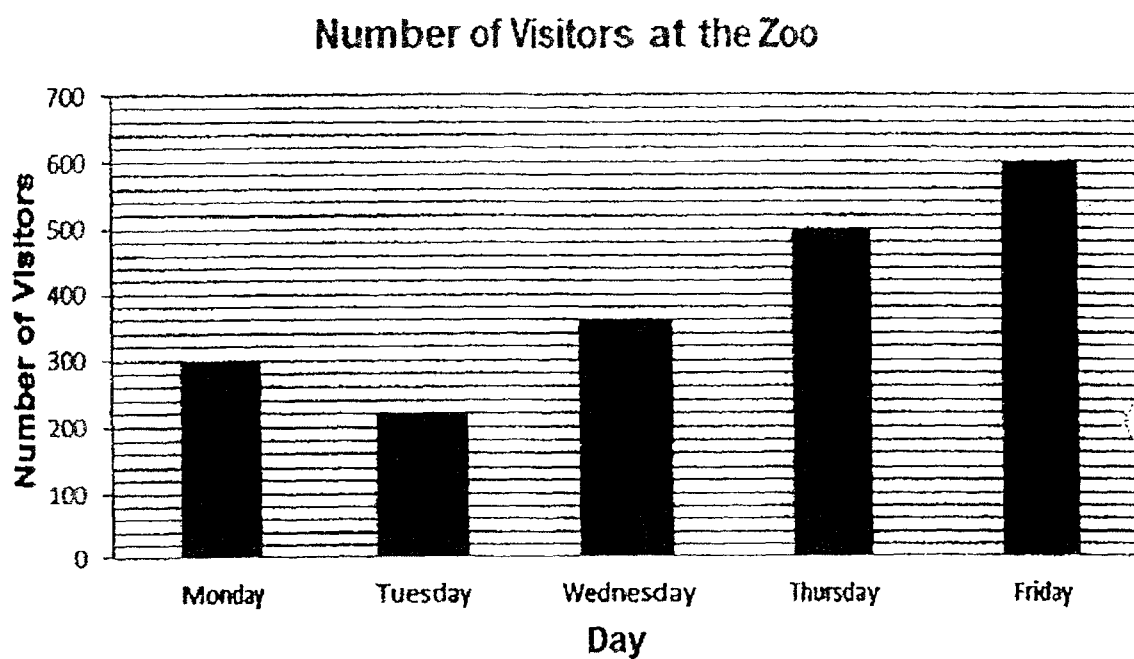10. Find the value of 6 thousands and 40 tens.

11. How many 50-cent coins are needed to make $20?

12. Express $\dfrac{4}{10}$ in its simplest form.

13. What is the missing numerator?
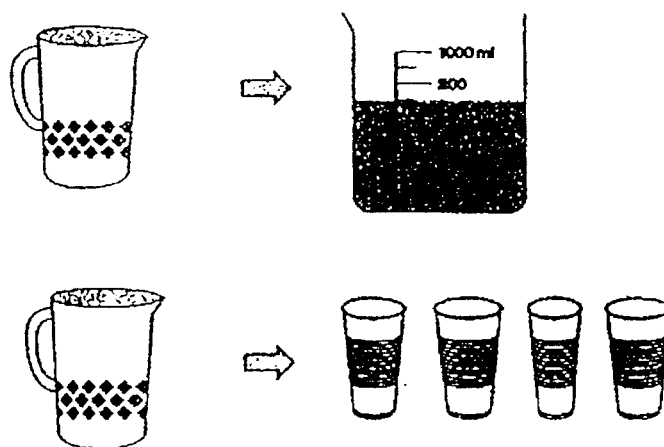
$$\frac{\boxed{?}}{12} = \frac{3}{4}$$

14. The bar graph below shows the number of visitors at the zoo from Monday to Friday.

Number of Visitors at the Zoo

How many visitors were there on Tuesday?

15. What is the quotient and remainder when 563 is divided by 7?

16. A jug has a capacity as shown below.
4 identical glasses of water are needed to fill the jug completely.
What is the capacity of each glass?

ml

17. There is 1 *l* 90 ml of water in a bottle. The capacity of the bottle is 2 *l*.

How much more water is needed to fill the bottle completely?

ml

18. Mala jogged 1657 m. Her brother jogged 2 km 50 m.
    What was the total distance they jogged?

	m

19. John used the digits given below to form a 3-digit number.

6		8		1

    When he divided it by 8, there was no remainder.

    What was the **greatest** 3-digit number that John had formed?

20. Arrange the following set of fractions in order. Begin with the greatest.

    $$\frac{5}{8} \, , \, \frac{5}{6} \, , \, \frac{3}{8}$$

, ,

    greatest

21. In 9173, find the difference between the values of the digit in the thousands place and the digit in the tens place.

22. What is the digit represented by the letter A?

$$
\begin{array}{r}
5 \quad \boxed{A} \quad 4 \quad 5 \\
+ \quad 3 \quad 8 \quad 7 \quad 1 \\
\hline
9 \quad 2 \quad 1 \quad 6 \\
\hline
\end{array}
$$

23. Mrs Lim had 1839 tables in her furniture shop.

She had 155 fewer chairs than tables.

After selling 296 chairs, how many chairs were left in the furniture shop?

24. Aunt Sue baked a pizza. She cut the pizza into 8 equal pieces.
She ate 3 pieces of the pizza. What fraction of the pizza was left?

25. Two similar T-shirts cost $11. How much will 10 such T-shirts cost?

2 T-shirts for $11

$
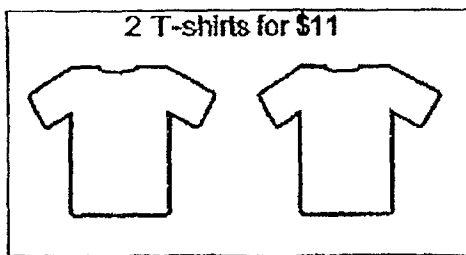
26. $\boxed{?} \div 9 = 100 \text{ R } 8$

27. Rani and Kai have a total mass of 87 kg. Rani is 9 kg heavier than Kai.

What is Kai's mass?

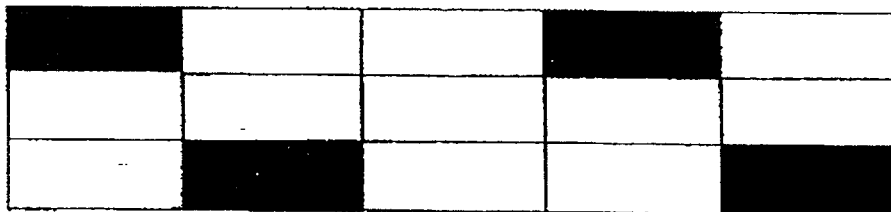|	
	kg

28 Which of the following fraction is the smallest?

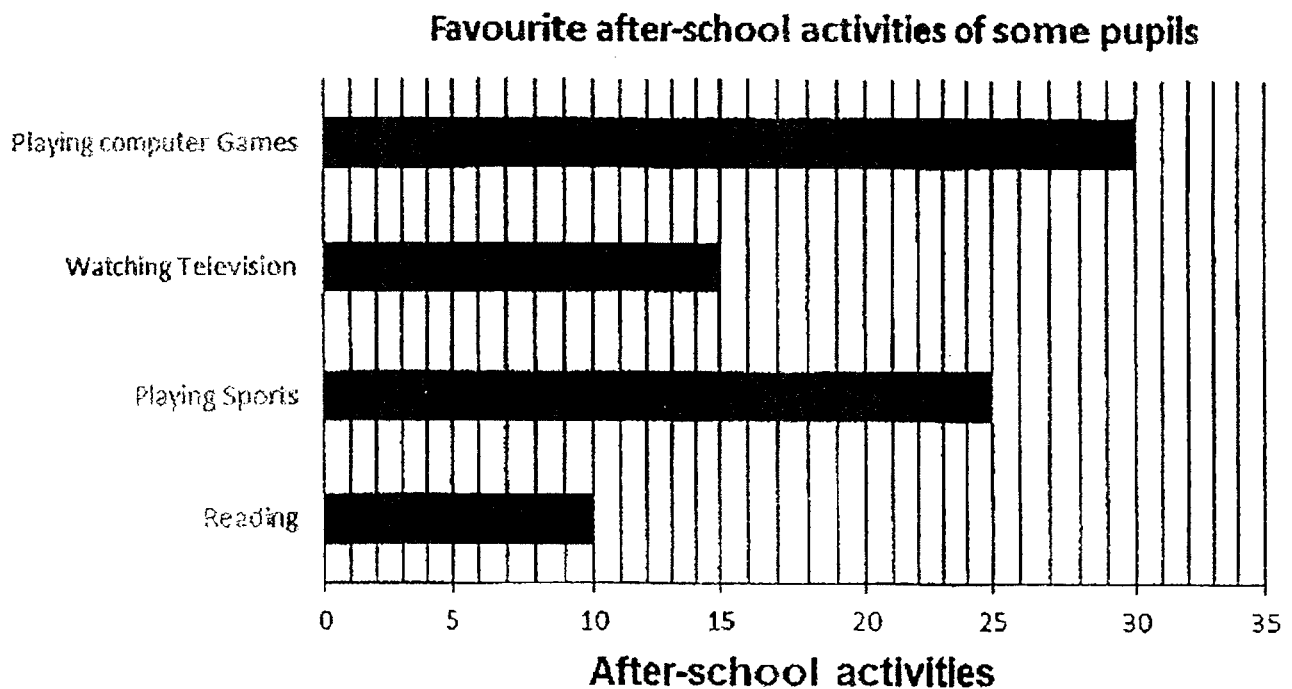29 Look at the figure below.

How many more parts must be shaded so that $\frac{3}{5}$ of the figure is shaded?

Use the bar graph below to answer Questions 30a) and 30b).

30. The bar graph below shows favourite after-school activities of some pupils.

Favourite after-school activities of some pupils

a) Which is the least popular activity?

b) How many more pupils prefer playing computer games to playing sports?

31 A bus left the bus interchange with some passengers on board
    and headed towards bus stop A.
    At bus stop A, 11 passengers got off and 23 passengers boarded the bus.
    When the bus left bus stop A, there were 106 passengers on board the bus.
    Find the number of passengers on board the bus when it left the bus interchange.

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┌─────────────────┐
│                 │
│                 │
└─────────────────┘
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32. Mr Lim used some syrup, milk and water to make 3 litres of drinks for his
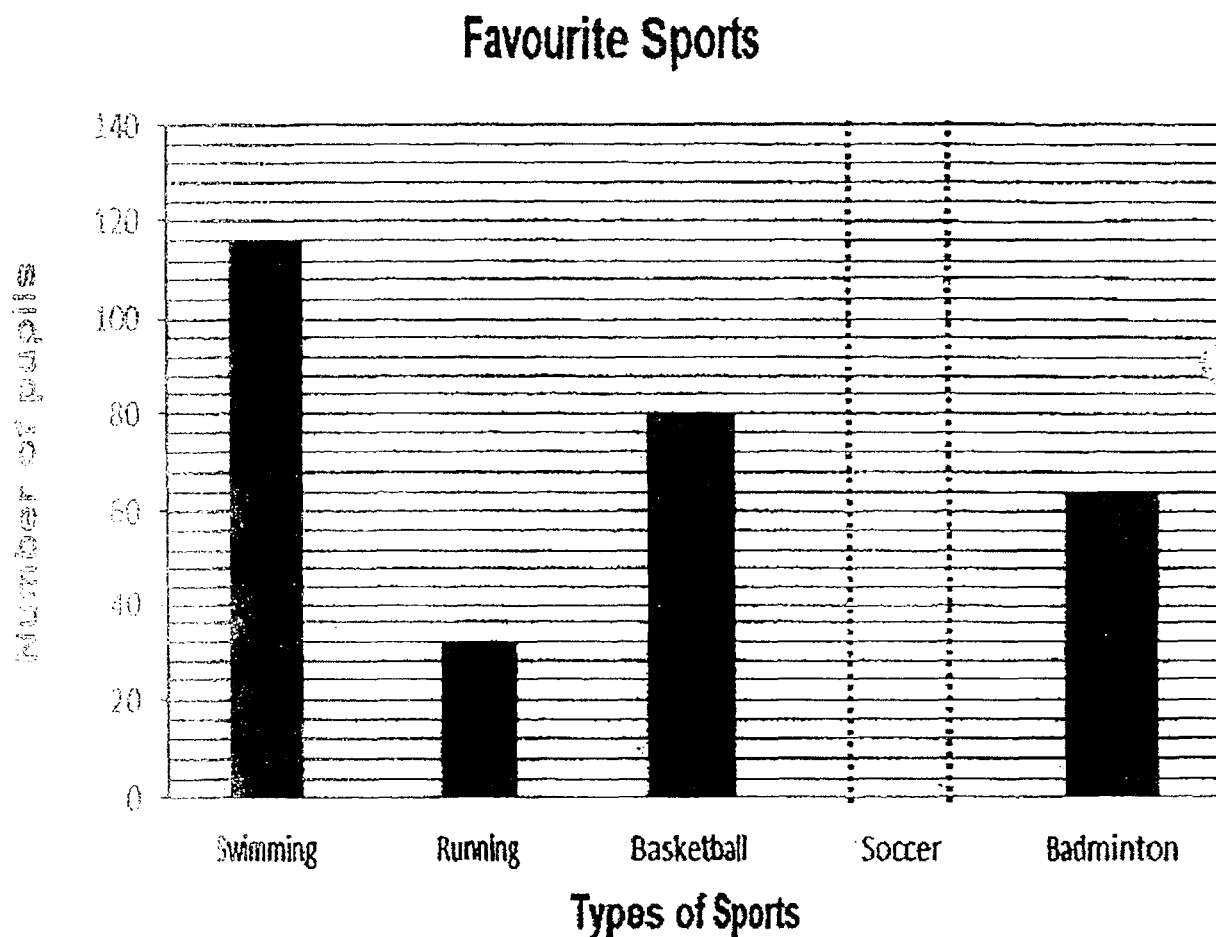   guests. He used 330 ml of syrup, 500 ml of milk and some water.
     How much less syrup than water did he use?

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┌──────────────────┐
│         l     ml │
└──────────────────┘
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Use the graph bar graph below to answer Questions 33 and 34.

The bar graph shows the types of sports that a group of 400 pupils took part in.
Each pupil took part in only 1 sport.

Favourite Sports

33. How many pupils like soccer? Shade to complete the bar graph to show the number of pupils who like soccer.

34. Twice the number of pupils took part in _____ as compared to the number of pupils who took part in running.

Section C: Problem Sums (22 marks)

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

35.   There were 528 spectators at a football match.

There were twice as many male spectators as female spectators

at the football match.

a) How many female spectators were there at the football   Working
   match? [2m]

b) 91 male and 46 female spectators arrived late for the
   football match. What was the total number of spectators
   at the football match in the end? [2m]

4

36. Jie Ming took part in a quiz. For the first question he answered correctly, he was awarded 3 stickers. For every correct answer after that, he was awarded 4 more stickers than the one before.

Number of questions answered correctly										
Number of stickers awarded										

a) How many stickers would Jie Ming have collected when he answered 8 questions correctly? [2m]

Working

b) For every 9 stickers Jie Ming receives, he can exchange them for a sweet. How many sweets can he exchange for when he was awarded 72 stickers? [2m]

4

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37. 6 fidget spinners are packed in boxes and sold for $8 per box.
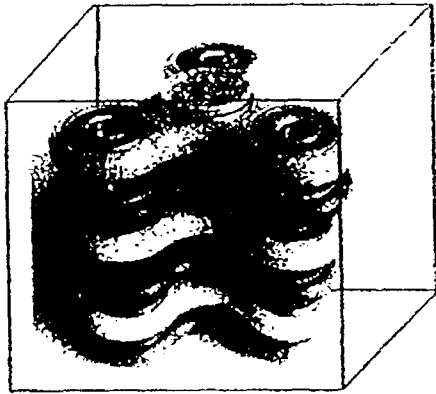
a) Mr Ng wanted to buy 216 spinners. How many such boxes of fidget spinners must he buy? [2m]

b) Mrs Chan had only $450 to buy some boxes of fidget spinners. What is the greatest number of such boxes of fidget spinners she could buy? [2m]

4

38. Jane had a piece of red ribbon measuring 10 m.

   She used 3 m 40 cm of the red ribbon to decorate her notebook.

   a) What was the length of red ribbon Jane had left? [2m]

   b) When decorating her notebook, Jane also used 250 cm of blue ribbon. What was the total length of red and blue ribbon Jane used to decorate her notebook? [2m]

4
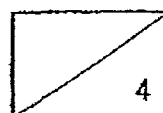
39. Container A contained 350 ml more water than Container B.
    After 500 ml of water was spilled out of Container A,
    Container B had twice as much water as Container A.
    How much water was in Container A at first?
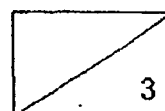
40. Yusuf bought 7 times as many large magic cubes as small magic cubes.
He bought 588 more large magic cubes than small magic cubes.
How many magic cubes did he buy altogether? [3m]
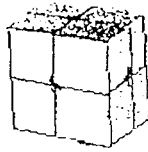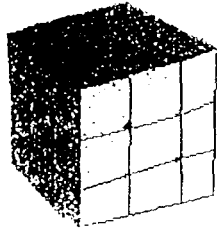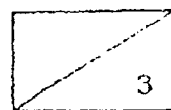
Setters: Mdm Azida, Mdm Cecilia Quah, Mrs Chua SW & Mr Yuan KK

EXAM PAPER 2017 (P3)

SCHOOL :HENRY PARK

SUBJECT : MATHEMATICS

TERM : CA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9
2	3	2	4	3	4	1	1	1

10)6400   11)40   12)2/5   13)9   14)220

15)80 R3   16)175ml   17)920ml   18)3707m   19)816

20)5/6 , 5/8 , 3/8   21)8930   22)3   23)1388   24)5/8

25)$55   26)908   27)39 kg   28)7/12   29)5

30)a)Reading   30)b)5   31)94   32)1 L 840 ml

33)soccer—120   34)Badminton

35)a)528 ÷ 3 = 176

There were 176 female spectators at the football match.

b)91 + 46 = 137

528 + 137 = 665

There were 665 spectators at the football match in the end.

36)a)

Number of questions answered correctly	1	2	3	4	5	6	7	8
Number of stickers awarded	3	7	11	15	19	23	27	31

Jie Ming would have 31 stickers when he answered 8 questions correctly.

b)$72 \div 9 = 8$

He can exchange for 8 sweets when he was awarded 72 stickers.

37)a)$216 \div 6 = 36$

He must buy 36 such boxes of fidget spinners.

b)$450 \div 8 = 56 \text{ R2}$

The greatest number of such boxes of fidget spinners she could buy is 56.

38)a)10m = 1000cm   3m 40cm = 340cm

1000 − 340 = 660

660cm = 6m 60cm

Jane had 6m 60cm of the red ribbon left.

38)b)340 + 250 = 590

590 = 5m 90cm

Jane used a total length of 5m 90cm of red and blue ribbon.

39) $500 - 350 = 150$

$2 \times 150 = 300$

$300 + 350 = 650$

650ml of water was in Container A at first.

40) $588 \div 6 = 98$

$7 + 1 = 8$

$8 \times 98 = 784$

He bought 784 magic cubes altogether.