18

Pei Chun Public School
Semestral Assessment 2 – 2016
Mathematics
Primary 3

Name : _____ ( )

Class : Primary 3 ___

Date : 25 October 2016

Time : 1 h 45 min

Maths Teacher : _____

Parent's Signature : _____

Section A	20
Section B	38
Section C	22
TOTAL	80

Section A

Questions **1** to **10** carry 2 marks each. For each question, choose the correct answer and write its number in the brackets provided.

(20 marks)

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1. What is the value of the digit 7 in 8753?

   (1) 7 (2) 70

   (3) 700 (4) 7000 ( )

2. Find the sum of 1856 and 2348.

   (1) 3194 (2) 3294

   (3) 4104 (4) 4204 ( )

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3. Find the product of 84 and 6.

(1) 14 (2) 484

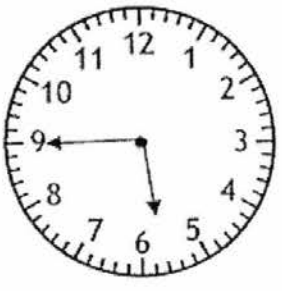
(3) 504 (4) 604 ( )

4. Express 10 km 85 m in metres.

(1) 1085 m (2) 10 085 m

(3) 10 805 m (4) 10 850 m ( )

5. What is the time shown on the clock face below?



(1) 15 minutes to 6 (2) 15 minutes past 6

(3) 3 minutes to 6 (4) 9 minutes past 5 ( )

6. Look at the number pattern below and find the missing number in the box.

7488	7688	7888	?	8288

(1) 7088 (2) 7988

(3) 8088 (4) 8888 ( )

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7. The following fractions are arranged in increasing order.

$$\frac{1}{2} \quad , \quad A \quad , \quad \frac{9}{12}$$

Which one of the following fractions can be a possible value of A?

(1) $\frac{5}{12}$ (2) $\frac{2}{3}$

(3) $\frac{3}{8}$ (4) $\frac{5}{6}$ ( )

8. The opening hours of a shop are as shown below.

Opening Hours
8.30 a.m. to 5 p.m.

How long is the shop open each day?

(1) 3 h 30 min (2) 9 h 30 min

(3) 8 h 30 min (4) 13 h 30 min ( )

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9. A bicycle shop has an equal number of bicycles and tricycles. The total number of wheels is 480. How many tricycles does the bicycle shop have?



Bicycle

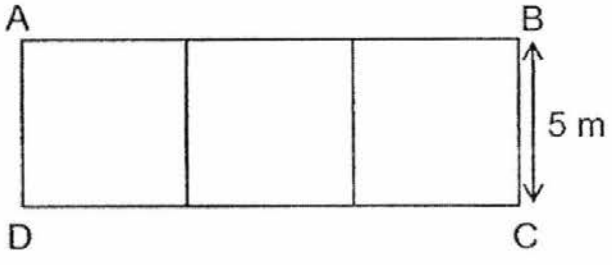


Tricycle

(1) 80 (2) 96

(3) 160 (4) 240 ( )

10. ABCD is a rectangle made up of three identical squares. The length of each side of the square is 5 m. What is the area of ABCD?



(1) 25 m^2 (2) 40 m^2

(3) 50 m^2 (4) 75 m^2 ( )

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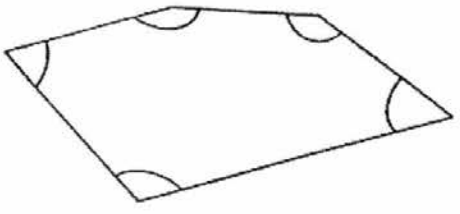
Section B

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Questions **11** to **20** carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

(10 marks)

11. How many of the marked angles in the figure are obtuse angles?



Answer : _____

12. Write nine thousand and sixty-four in numbers.

Answer : _____

13. Yanti left her house at 9.15 a.m. She took 35 minutes to reach the library. What time did she reach the library?

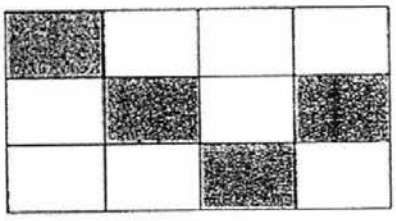
Answer : _____ a.m.

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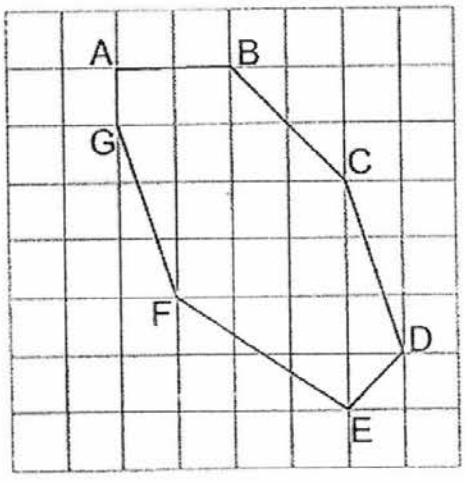
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14. The figure is made up of identical rectangles. What fraction of the figure is shaded?



Answer : _____

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



Answer : _____ // _____

16. Hua Ming bought 3000 ml of paint. After painting a wall, he had 1200 ml of paint left. How much paint did he use to paint the wall?

Answer : _____ ml

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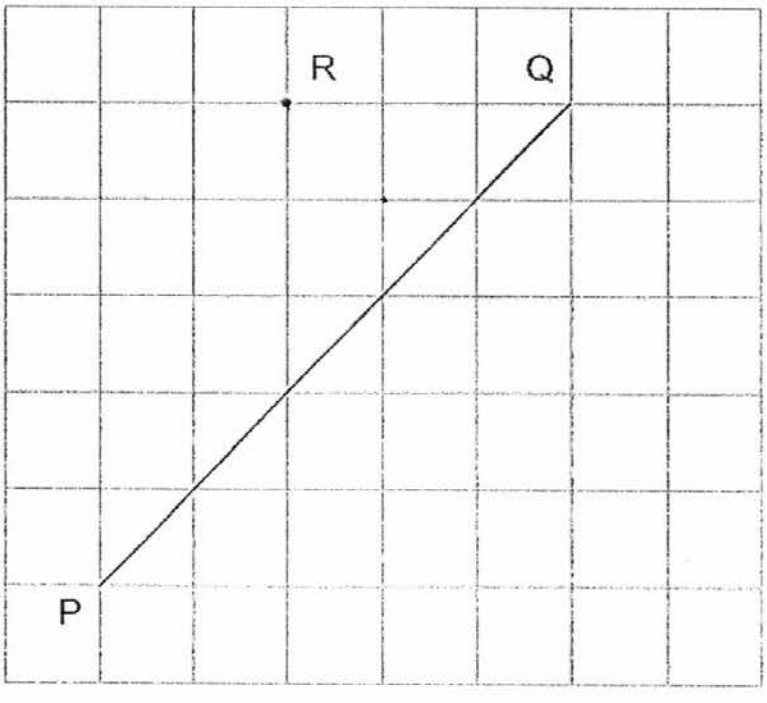
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17. Use the following digits to form the greatest 4-digit odd number. All the digits must be used. Each digit can only be used once.

4	9	7	0

Answer : _____

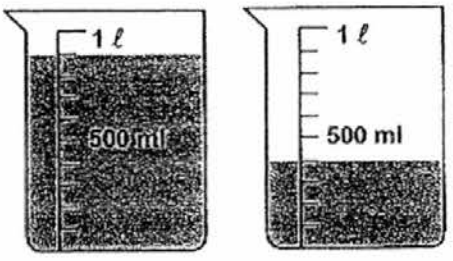
18. Draw a line perpendicular to PQ passing through Point R.



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19. The figure below shows two beakers containing water.
How much **more** water needs to be added to make 2 litres?
Give your answer in millilitres.



Answer : _____ ml

20. In a triathlon race, Wei Ling swam 2 km, cycled 48 km and ran 16 km. What was the total distance Wei Ling covered in the race?

Answer : _____ km

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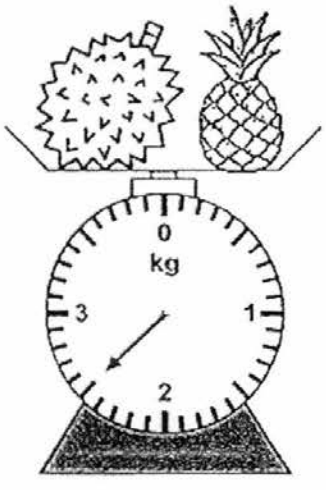
Questions **21** to **34** carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (28 marks)

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21. Muthu had \$16.50 at first. He spends \$8.90 to buy a book. How much money did he have after buying the book?

Answer : \$_____

22. The diagram shows a durian and a pineapple. The pineapple weighs 800 g. What is the mass of the durian? Express your answer in kilograms and grams.



Answer : _____ kg _____ g

23. Mrs Sim baked 720 cookies. She placed 6 cookies into each bag. How many bags did she use altogether?

Answer : _____

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24. Find the sum of $\frac{1}{12}$ and $\frac{3}{4}$. Express the answer in its simplest form.

Answer : _____

25. Dominic and John have 525 marbles altogether. John has 4 times as many marbles as Dominic. How many marbles does Dominic have?

Answer : _____

26. Mrs Prisha bought 146 red pens and 110 blue pens. All the pens were distributed equally among 8 children. How many pens did each child get?

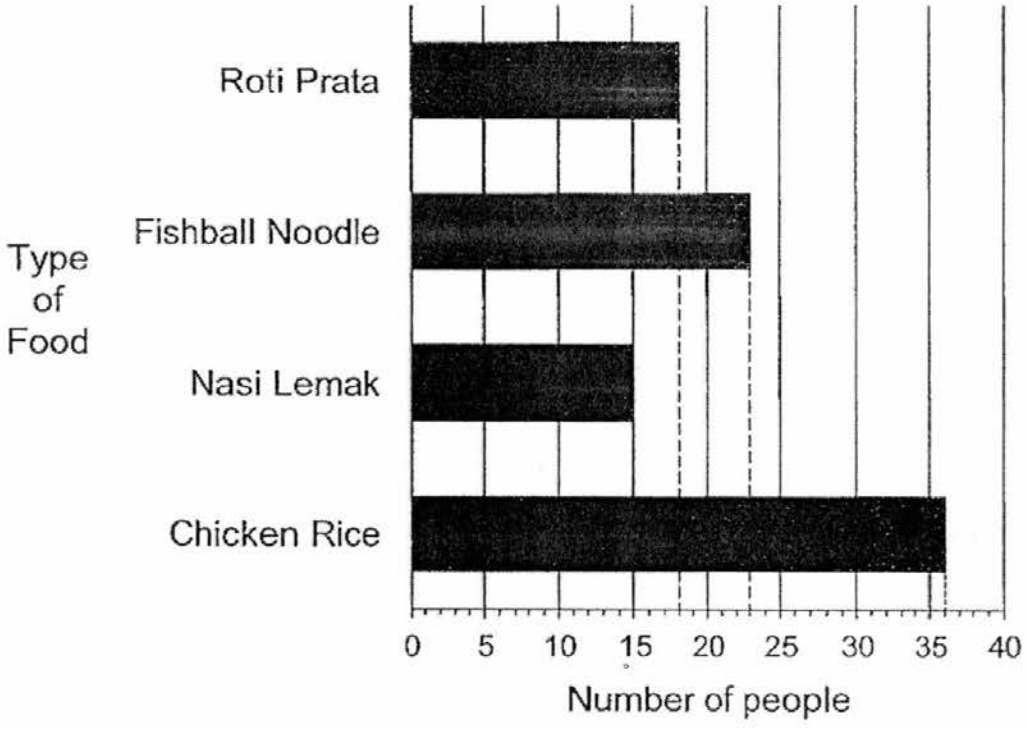
Answer : _____

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27. A group of people were asked to choose their favourite local food. The bar graph below shows their choices.



(a) Which was the most popular food?

(b) How many people chose Roti Prata as their favourite food?

Answer: (a) _____

(b) _____

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28. After spending $53.75 to buy a bag, Priya was left with $28. How much money did she have at first?

Answer : $ _____

29. There are 2350 ml of apple juice in Jug A. There are 250 ml more apple juice in Jug B than in Jug A.
What is the total volume of apple juice in both jugs?

Answer : _____ ml

30. The usual price of a book was $35.90. At a sale, Mrs Osman bought the book for $29.95. How much did she save?

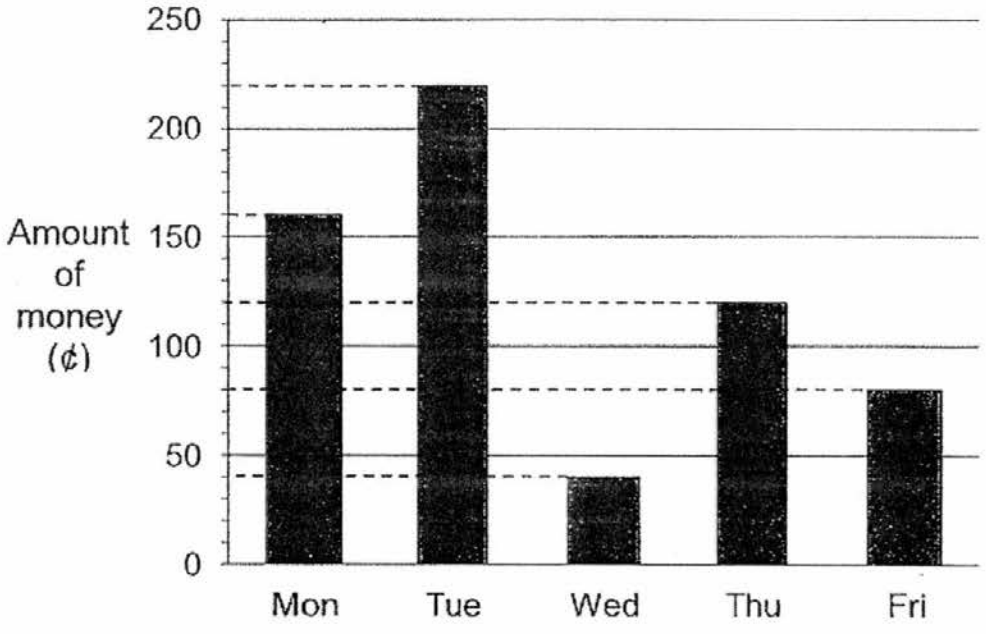
Answer : $ _____

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31. The bar graph below shows the amount of money Colin saved from Monday to Friday.

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(a) What is the amount of money Colin saved on Thursday? Give your answer in dollars.

(b) Colin saved twice as much money on ? as on Friday.

Answer : (a) $_____

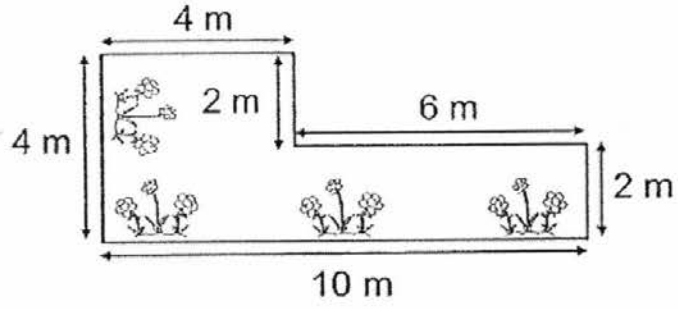
(b) _____

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32. Ramah wants to build a fence round his garden as shown in the diagram below. What is the length of fencing that Ramah needs?



Answer : _____ m

33. Brandon has twice as many sweets as Ali. Caleb has half as many sweets as Ali. The 3 boys have 168 sweets altogether. How many sweets does Caleb have?

Answer : _____

34. Mr Sufri had 150 egg tarts. He put all the egg tarts into boxes. He can put up to 9 tarts in each box. What was the least number of boxes Mr Sufri needed?

Answer : _____

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Section C

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For questions **35** to **40**, 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.

(22 marks)

35. Mrs Koh bought 3 chairs and 2 tables. Each chair cost $80. She paid a total of $390. How much did the 2 tables cost?

Answer : _____ [3]

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36. Mr Cheam had some paintbrushes. After giving 322 pupils 8 paintbrushes each, he had 7 paintbrushes left. How many paintbrushes did he have at first?

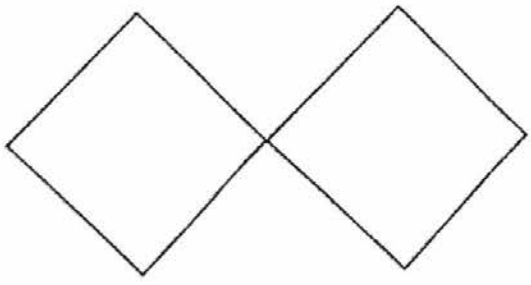
Answer :_____ [3]

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37. A piece of wire 72 cm long is bent to form the 2 squares as shown below.

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(a) What is the length of each side of the square?

(b) What is the area of one square?

Answer : (a) _____ [2]

(b) _____ [2]

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38. There are 230 ml more water in Container B than in Container A. There are 305 ml less water in Container A than in Container C. The total amount of water in the three containers is 1495 ml.

(a) How much **more** water is there in Container C than Container B?

(b) How much water is there in Container A?

Answer : (a) _____ [2]

(b) _____ [2]

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39. Muthu took 1 h 20 min to paint his room. He took 50 min more to paint his brother's room.

Do not write in this space

(a) What was the total time taken by Muthu to paint both rooms? Give your answer in h and min.

(b) Muthu started painting at 9.30 a.m. What time did Muthu finish painting?

Answer : (a) _____ [3]

(b) _____ [1]

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40. Alice had some milk. Each day, she drank an equal amount of milk. At the end of the 5th day, she had 1400 ml of milk left. At the end of the 6th day, she had 1100 ml of milk left.

(a) What was the amount of milk she drank each day?

(b) How much milk did Alice have at first? Give your answer in litres and mililllitres.

Answer : (a)_____ [1]

(b)_____ [3]

End of Paper

Set by : Mr Alvin Ng, Mr Gabriel Teo and Mr Foo Chee Yuen

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EXAM PAPER 2016 (P3)

SCHOOL : PEI CHUN

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	3	2	1	3	2	3	2	4

11)3 12)9064 13)9.50 14)4/12 15)CD//GF

16)1800ml 17)9407 18)

19)100ml + 600ml = 700ml

20)2 + 48 + 16 = 66km

21)left→$16.50 – $8.90 = $7.60

22)1kg 700g

23)120 x 6 = 720

720 ÷ 6 = 120

24)1/12 + 9/12 = 10/12 ÷ 2 = 5/6

25)1unit→325 ÷ 5 = 105

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26)total→146 + 110 = 256

1 child→256 ÷ 8 = 32

27)a)chicken Rice

b)18

28)at first→$53.75 + $28 = $8.75

29)Jug B→2350 + 250 = 2600

Total→2350 + 2600 = 4950ml

30)save→$35.90 – $29.95 = $5.95

31)a)$1.20

b)Mon

32)total→2+10+6+2+4+4 = 28m

33)1unit→168 ÷ 7 = 24

34)boxes→150 ÷ 9 = 16R6

Total→16 + 1 = 17

35)3 chair→$80 x 3 = $240

2 tables→$390 – $240 = $150

36)paintbrushes at first→322 x 8 + 7 = 2583

37)a)each side→72 ÷ 8 = 9cm

b)area→9 x 9 = 81cm2

38)a)more water in C than B→305 – 230 = 75ml

b)1 unit→960 ÷ 3 = 320ml

39)a)time to pain brother room→1h20min 50min = 2h 10min

Total time to paint 2 rooms→1h20min + 2h 10min = 3h 30min

b)1.00p.m.

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40)a)drank each day→1400 – 1100 = 300ml

b)drank until 5th day→5 x 300 = 1500ml

at first→1500 + 1400 = 2900ml

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