

Pei Chun Public School  
Semestral Assessment 1 – 2006  
Mathematics  
Primary 3

Name: \_\_\_\_\_ (    )

Marks :

Class : Primary 3

Date : 5 May 2006

Time : 1 h 45 min

This Booklet	80
Booklet K	20
<b>TOTAL</b>	<b>100</b>

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**Section A (8 × 2 m = 16 m)**

For each question, choose the correct answer and write its number in the brackets provided.

1. In 9745, the digit \_\_\_\_\_ is in the hundreds place.

(1) 9

(2) 7

(3) 5

(4) 4

(    )

2. 7976 is 100 less than \_\_\_\_\_.

(1) 8976

(2) 8076

(3) 7876

(4) 6976

(    )

3. Find the product of 215 and 7.

(1) 1505

(2) 1405

(3) 222

(4) 208

(    )

4. Which of the following fractions is the smallest?

(1)  $\frac{1}{4}$

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

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

(4)  $\frac{1}{2}$  ( )

5. Mrs Tan bought a chicken for \$7.50 and a fish for \$3.80. She had \$25.70 left. How much money did she have at first?

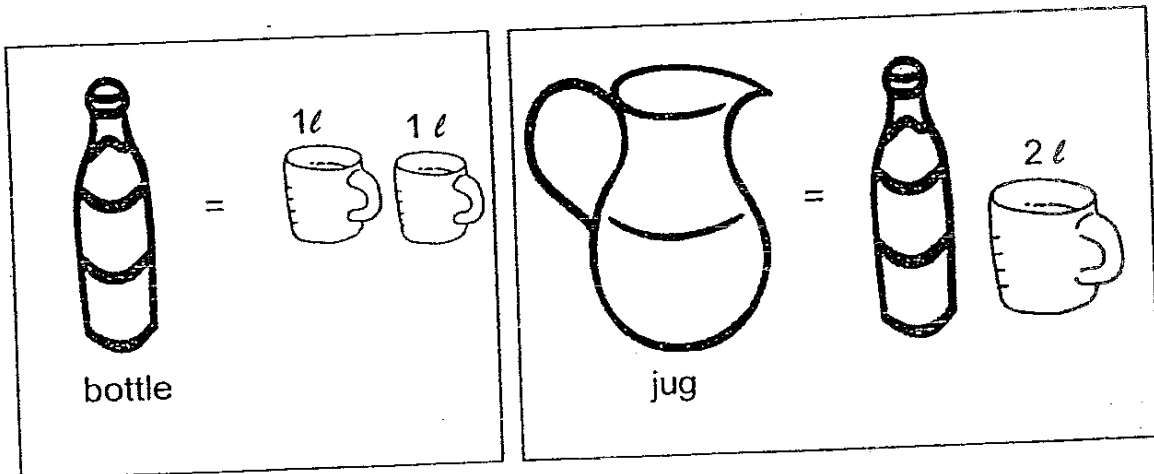
(1) \$37.00

(2) \$33.20

(3) \$14.40

(4) \$11.30 ( )

6. The picture below shows the capacities of a bottle and a jug.



What is the capacity of the jug?

(1) 6 l

(2) 2 l

(3) 3 l

(4) 4 l ( )

7.  $\square + \square + \square = \triangle$

$\triangle \div 3 = 5$

What is the value of  $\triangle - \square$  ?

(1) 20

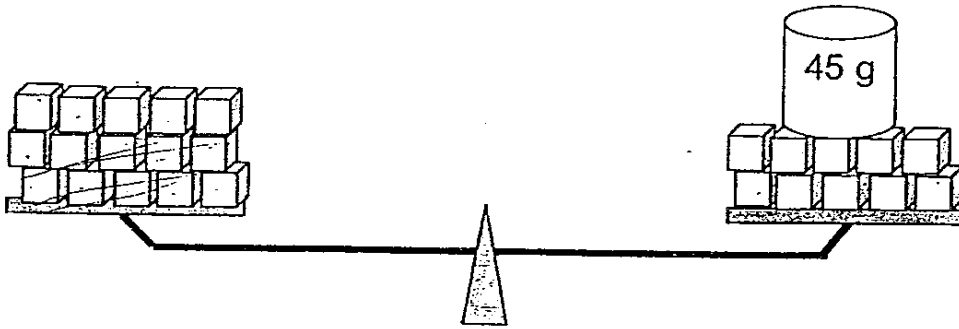
(2) 15

(3) 10

(4) 5

( )

8. Study the diagram carefully.



What is the mass of 25 boxes?

(1) 9 g

(2) 34 g

(3) 135 g

(4) 225 g

( )

9. Refer to Booklet K.

10. Refer to Booklet K.

**Section B ( 20 × 2 m = 40 m )**

Questions 11 to 30 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.

11. Write 6853 in words.

12. Write the smallest 4-digit number using all the digits below.

7, 0, 8, 3

Answer: \_\_\_\_\_

13. What is the missing number in the number pattern?

2188, 2198, \_\_\_\_\_, 2218, 2228

Answer: \_\_\_\_\_

14. Find the difference between 5092 and 2987.

Answer: \_\_\_\_\_

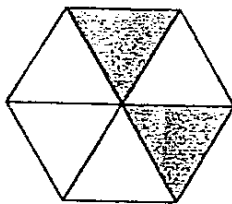
15.  $418 \times 7 =$  \_\_\_\_\_

Answer: \_\_\_\_\_

16. Write 2105 cents in dollars and cents.

Answer: \$ \_\_\_\_\_

17. What fraction of the shape is shaded?



Answer: \_\_\_\_\_

18. What fraction must be added to  $\frac{4}{7}$  to make 1 whole?

Answer: \_\_\_\_\_

19. The time now is 11.15 a.m. What time was it half an hour ago?

Answer: \_\_\_\_\_ a.m.

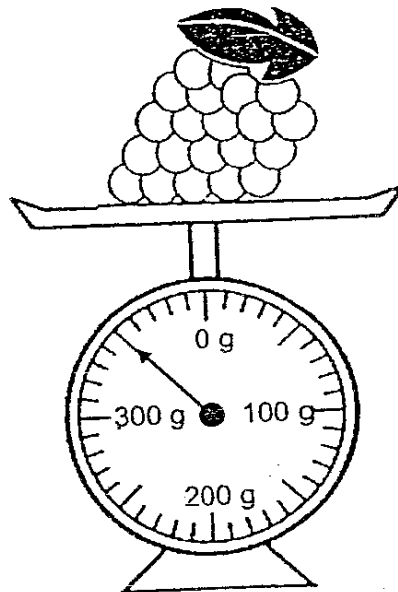
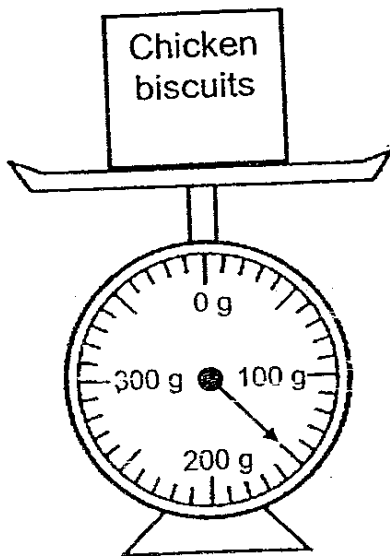
20. How many hours are there between 10.30 p.m. and 2.30 a.m.?

Answer: \_\_\_\_\_ h

21. Meili has \$4.20 to buy apples. The cost of 3 apples is \$1.00.  
What is the greatest number of apples she can buy?

Answer: \_\_\_\_\_

22. The tin of chicken biscuits is \_\_\_\_\_ g lighter than the grapes.



Answer: \_\_\_\_\_ g



23. Fatimah has 255 stickers. She has 3 times as many stickers as Mary. How many stickers does Mary have?

Answer: \_\_\_\_\_

24. Mrs Tay bought a dress and a handbag. The dress cost \$35. The handbag cost \$11.10 less than the dress. How much did the handbag cost?

Answer: \$ \_\_\_\_\_

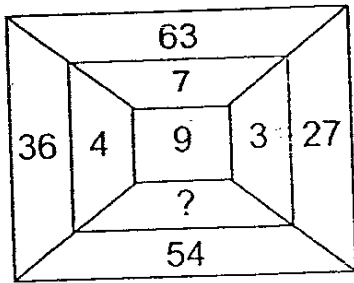
25. Fred and Cindy shared \$60. Fred's share was twice as much as Cindy's. How much was Fred's share?

Answer: \$ \_\_\_\_\_

26. 5 identical pails of water are needed to fill a tank completely. The tank can hold 30 litres of water. What is the volume of water in each pail?

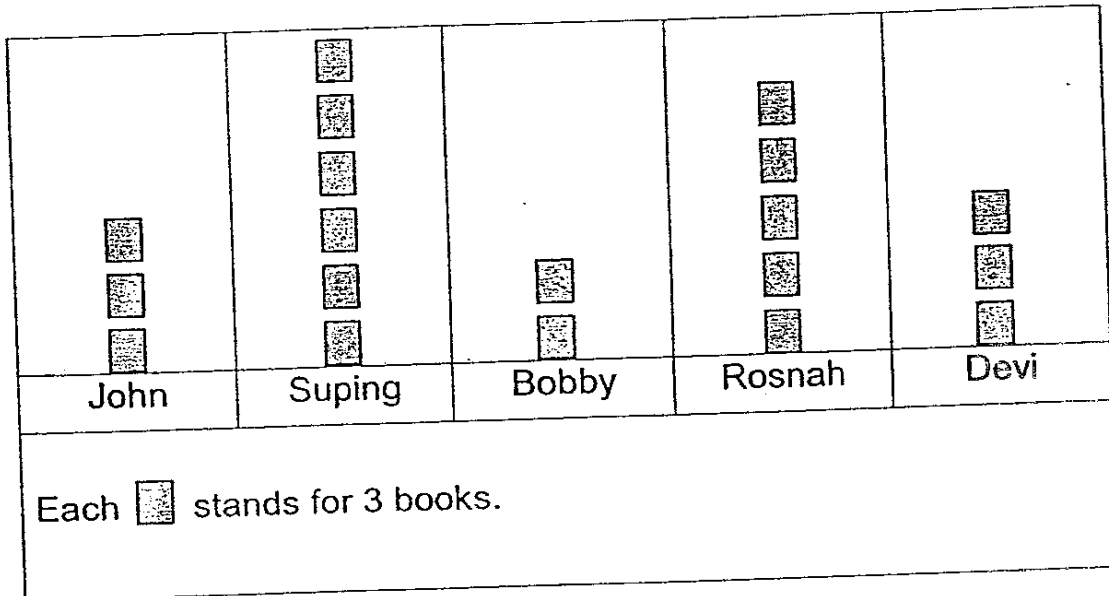
Answer: \_\_\_\_\_ l

27. What is the missing number?



Answer: \_\_\_\_\_

28. The picture graph shows the number of books read by five children.



Study the graph carefully. Answer questions (a) and (b).

(a) Who read the same number of books as John?

Answer: \_\_\_\_\_

(b) How many more books did Suping read than Bobby?

Answer: \_\_\_\_\_



29. Tommy has 30 stamps. If he buys another 12 stamps, he will have twice as many stamps as David. How many stamps does David have?

Answer: \_\_\_\_\_

30. Shanti has 29 more beads than Tina. They have 285 beads altogether. How many beads does Shanti have?

Answer: \_\_\_\_\_

31. Refer to Booklet K.

32. Refer to Booklet K.

33. Refer to Booklet K.

34. Refer to Booklet K.

**Section C ( 6 × 4 m = 24 m )**

**Work out the problem sums below. All working, statements and answers must be clearly shown.**

35. 4000 people visited the zoo on Sunday. 800 fewer people visited the zoo on Monday than on Sunday. How many people visited the zoo on both days?

36. Peter has three times as many marbles as Ali. Jiale has 10 marbles more than Ali. Peter has 300 marbles. How many marbles does Jiale have?

37. Mr Pang bought 8 boxes of pears. Each box had an equal number of pears. He sold 290 pears and had 70 pears left. How many pears were there in each box?

38. Mrs Lu bought some durians and 25 mangoes for \$123. Each mango cost \$3 and each durian cost \$6. How many durians did she buy?

39. The picture graph shows the different types of fruits sold by Mr Sim.

Apples	◆ ◆ ◆ ◆ ◆ ◆ ◆
Pears	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆
Watermelon	◆ ◆ ◆ ◆
Papayas	◆ ◆ ◆ ◆ ◆ ◆
Oranges	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆

Each ◆ stands for 5 fruits.

Study the graph carefully and answer questions (a), (b), (c) and (d).

(a) Which type of fruit did Mr Sim sell the least?

\_\_\_\_\_

(b) How many oranges did he sell?

\_\_\_\_\_

(c) How many **more** pears than apples did he sell?

\_\_\_\_\_

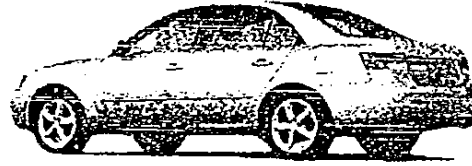
(d) Papayas were sold at two for \$3.  
How much money did he get from the sale of the papayas?

\_\_\_\_\_

40. A motorcycle has 2 wheels and a car has 4 wheels. There are some motorcycles and cars in a car park. The total number of wheels of the motorcycles is equal to the total number of wheels of the cars. There are 120 wheels altogether. How many more motorcycles than cars are there in the car park?



motorcycle



car

41. Refer to Booklet K.

42. Refer to Booklet K.

**End of this Booklet**

Set by: Tee L. S.  
Vetted by: P3 Maths Committee Teachers

**Answer Sheets**  
Pei Chun Pri 3 SA1/2006 Maths

- 1)2            2)2            3)1            4)3            5)1            6)4
- 7)3            8)4            9)Booklet K    10)Booklet K
- 11)six thousand, eight hundred and fifty-three    12)3078    13)2208
- 14)2105    15)2926    16)\$21.05    17) $\frac{2}{6}$     18) $\frac{3}{7}$     19)10.45am
- 20)4h    21)12    22)200g    23)85    24)\$23.90    25)\$40
- 26)6l    27)6    28)a.Devi    b.12    29)21    30)157
- 31)Booklet K 32)booklet K 33)booklet K 34)booklet K
- 35)7200 people came on both days.
- 36)Jiale has 110 marbles
- 37)There were 45 pears in each box
- 38)she bought 8 durians
- 39)a. water melon            b.75            c.20            d.\$45
- 40)There are 15 more motorcycles than cars.
- 41)Booklet K
- 42)Booklet K