Pei Chun Public School
Semestral Assessment 2 – 2006
Mathematics
Primary 3

Name: _____ (   )   Marks :

Class : Primary 3

Date : 30 October 2006

Time : 1 h 45 min

This Booklet	80
Booklet K Q9, 10, 31 – 34, 41 & 42	20
T O T A L	100

Section A (8 × 2 marks)

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

1. In 6801, the digit 8 stands for _____.

    (1)   8   (2)   80

    (3)   800   (4)   8000   (   )

2. 5234 – 1908 = _____

    (1)   3226   (2)   3326

    (3)   4734   (4)   5036   (   )

3. 5 km 9 m = _____

    (1)   59 m   (2)   509 m

    (3)   5009 m   (4)   5090 m   (   )

4. The equivalent fraction of $\frac{2}{3}$ is _____.

(1) $\frac{4}{5}$ (2) $\frac{5}{6}$

(3) $\frac{4}{9}$ (4) $\frac{6}{9}$ (   )

5. The mass of 2 packets of rice is 8 kg 400 g. The mass of 1 packet of rice is 600 g less than the other. Find the mass of the lighter packet.
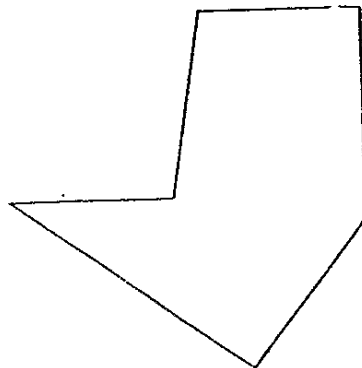
(1) 3600 g   (2) 3900 g

(3) 4200 g   (4) 4500 g   (   )

6. The figure below has _____ right angles.

(1) 6   (2) 2

(3) 3   (4) 4   (   )

3b

7. Mrs Kwek spent $18 on 3 durians and 6 apples. 3 apples cost $1.50. Each durian cost the same. How much did one durian cost?
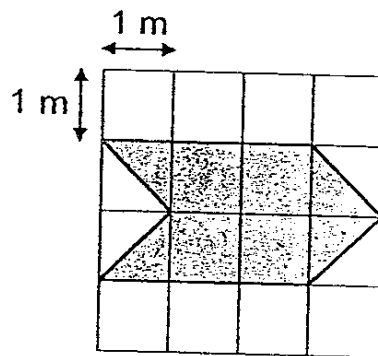
    (1)   S15   (2) $9

    (3)   S3   (4) $5   (   )

8. A wall panel is covered with grey tiles as shown below.

1 m

1 m

The area of the grey tiles is _____.

    (1) 6 m^2 (2) 8 m^2

    (3) 10 m^2 (4) 12 m^2 (   )

9.   **Refer to Booklet K.**

10.   **Refer to Booklet K.**

Section B (20 × 2 marks)

Show your working clearly in the space below each question.
Write the answers in the blanks provided. For questions that
require units, give your answers in the units stated.
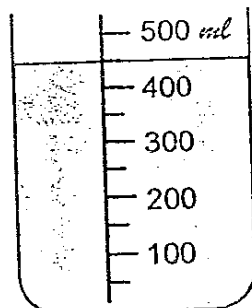
11.   Write 5049 in words.

_____

12.   Write $12.05 in words.

13.   Divide 706 by 8.
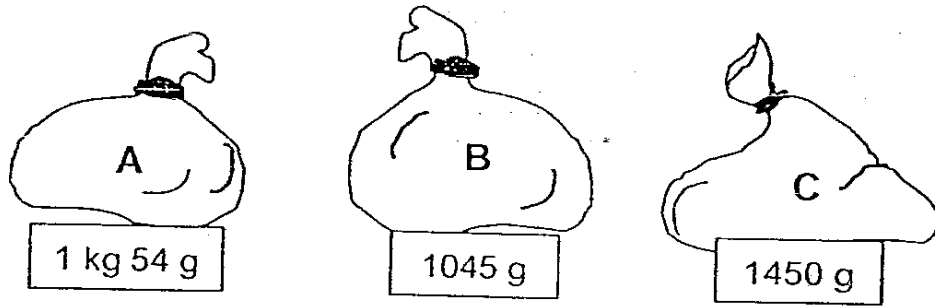
Answer: _____

14.   What is the volume of water in the beaker?
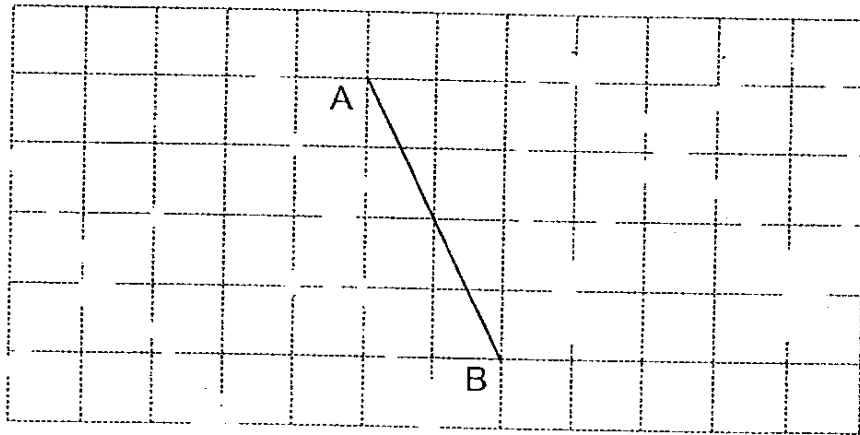

Answer: _____ ml

15. Which bag, A, B or C, is the lightest?

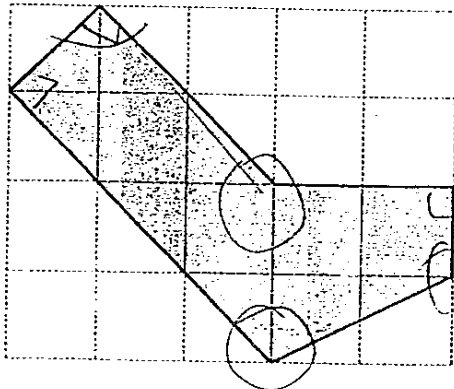| A	B	C
1 kg 54 g	1045 g	1450 g

Answer: _____

16. In the grid below, draw a line that is perpendicular to AB. Label the line CD.
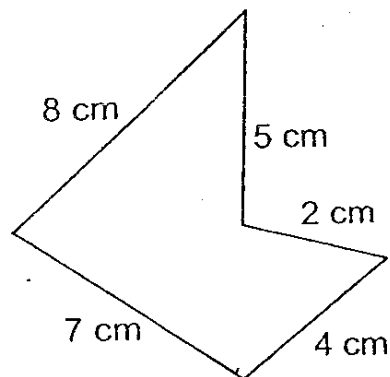

17. How many angles inside the shaded figure below are **larger** than a right angle?

Answer: _____

18. Find the perimeter of the figure below.

8 cm

5 cm

2 cm

7 cm

4 cm

Answer: _____ cm

19. What is the missing number in the box?

```
    5   2   8   6
+   1  [ ]  4   5
_____
    7   0   3   1
_____
```

Answer: _____ _____

20. $\dfrac{1}{2} + \dfrac{2}{5} = \boxed{}$

Answer: _____ _____

21. Minghui ate $\frac{1}{4}$ of a chocolate bar and gave $\frac{1}{2}$ of it away.
What fraction of the chocolate bar was left?

Answer: _____ _____

22. A bottle contains 200 $m\ell$ of water. The capacity of an empty jug
is 1 ℓ 500 $m\ell$. What is the smallest number of such bottles
needed to fill the jug completely with water?

bottle   jug

Answer: _____

41
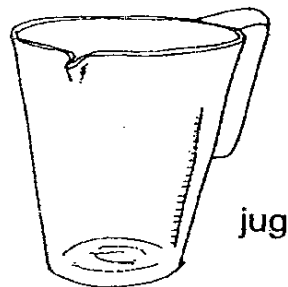
Study the letters below carefully. Use them to answer questions 23 and 24.

ALINE

23. Which letter has parallel lines but no perpendicular lines?

Answer: ___ _ _____ .

24. Which letter has three angles **smaller** than a right angle?
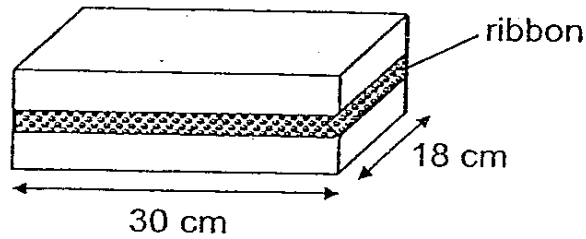
Answer: _____ _____

25. Lila is 92 cm tall. Her father is 83 cm taller. How tall is Lila's father?

Answer: _____ m _____ cm

26. Mrs Lim puts a ribbon round the 4 sides of a rectangular box as shown below. She has 24 cm of ribbon left. How much ribbon does she have at first?
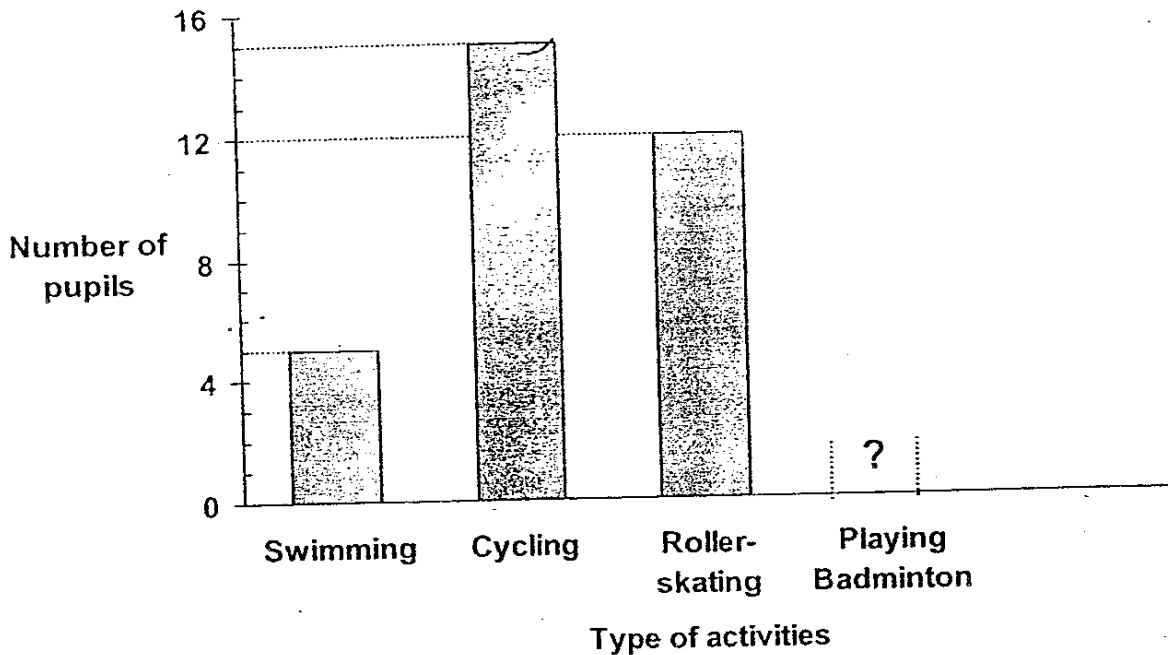

Answer: _____ cm

27. In a school camp, 144 children are divided into 9 equal groups. The number of boys is three times the number of girls in each group. How many girls are there at the school camp?

Answer: _____

43

The bar graph below shows the type of activities a class of pupils like best. Study the graph and answer questions 28 and 29.
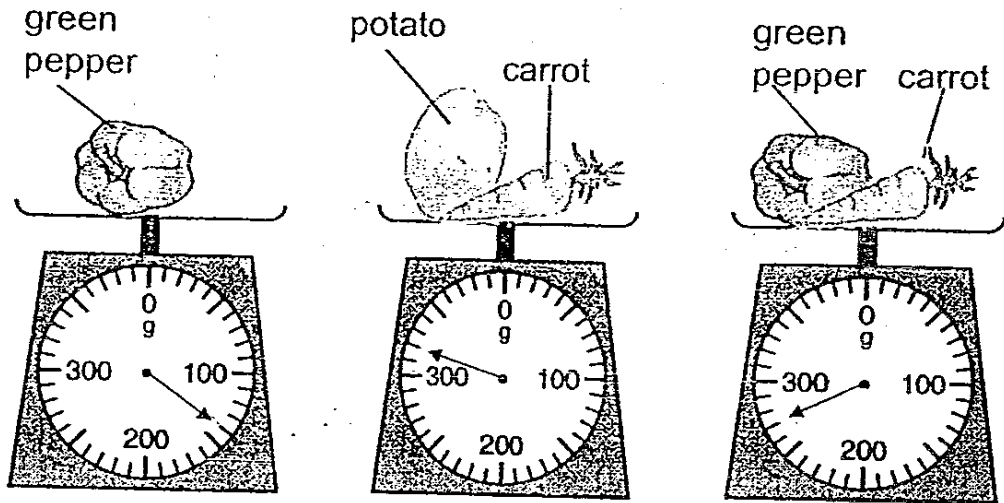

28. There are _____ times as many pupils who like cycling as those who like swimming.

Answer: _____

29. The number of pupils who like playing badminton is the difference between the number of pupils who like swimming and roller-skating. How many pupils like playing badminton?

Answer: _____

44

30.   What is the mass of the potato?

Answer: _____ g

31.   **Refer to Booklet K.**

32.   **Refer to Booklet K.**

33.   **Refer to Booklet K.**

34.   **Refer to Booklet K.**

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Section C (6 × 4 marks)

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

35. A newspaper vendor sold 1035 newspapers on Saturday.
    He sold 480 fewer newspapers on Saturday than on Sunday.
    How many newspapers did he sell on both days?

36. Mr Ang has been working in a bank for 3 years 7 months while Mr Ravi has been there for 50 months.

(a) Who has been working longer in the bank?

(b) How much longer has he been working there?

37. For every 2 boxes of chocolate bought by a customer, a lollipop was given free. Mr Gopal spent $80 on the chocolates and was given 5 lollipops. How much did a box of chocolate cost?

38. A fruiterer made 3 ℓ of watermelon juice. He filled 6 bottles completely with the juice. Each bottle had a capacity of 215 $m\ell$. How much watermelon juice was left?
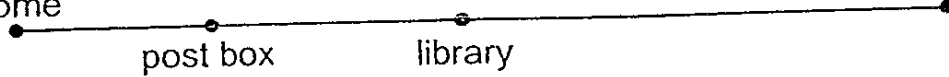
39. Devi cycled 450 m from his home to a post box to post a letter. Then he cycled to the library. Finally, he cycled 1 km 927 m from the library to a grocery shop. He cycled 3 km 64 m altogether. How far did he cycle from the post box to the library?
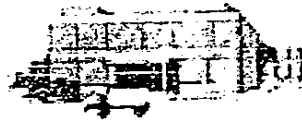
Devi's home

grocery shop

post box

library

40. Mrs Raju bought 4 kg of grapes. She gave the cashier a $50 note and received $34 as change. What was the cost of 1 kg of grapes?
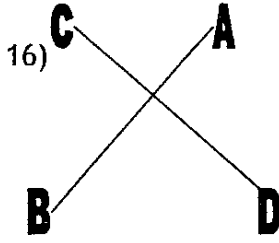
41. **Refer to Booklet K.**

42. **Refer to Booklet K.**

End of this Booklet

Set by   :   Mrs Yeo-Chong Kiao Yuh
Vetted by: P3 Maths Committee Teachers

Answer Sheets
Pei Chun Pri 3 SA2/2006 Maths

1)3   2)2   3)3   4)4   5)2   6)1

7)4   8)1   9)Booklet K   10)Booklet K

11)Five thousand and forty-nine   12)twelve dollars and five cents

13)88R2   14)450ml   15)B   16)

17)4   18)26   19)7

20)$\dfrac{9}{10}$ 21)$\dfrac{1}{4}$ 22)8

23)N   24)A   25)1m 75cm   26)129cm   27)36   28)3

29)7   30)190g   31)Booklet K 32)booklet k 33)booklet K 34)Booklet K

35)He sold 2550 newspapers on both days

36)a. Mr Ravi   b.He worked 7 mth longer

37)A box of chocolate cost $8

38)1l 710 ml of juice is left

39)He cycled 687m.

40)The cost is $4

41)Booklet K

42)Booklet K