Pei Chun Public School
Semestral Assessment 1 – 2007
Mathematics
Primary 4

Booklet A

Name: _____ (   )   Date: 7 May 2007

Class: Primary 4 ____   Time: 2 h

Maths Teacher: _____

Questions **1** to **12** carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write its number in the brackets provided.   (24 marks)

1. In 85 290, the digit 5 is in the _____ place.

    (1)   ones

    (2)   hundreds

    (3)   thousands

    (4)   ten thousands   (   )

2. Round off 32 649 to the nearest hundred.

    (1)   32 600

    (2)   32 650

    (3)   33 000

    (4)   33 700   (   )

3. The best estimate for the height of a table is _____.

    (1)   8 m

    (2)   8 cm

    (3)   80 cm

    (4)   80 m   (   )   175

4. The sum of the first three multiples of 7 is _____.

   (1) 63

   (2) 42

   (3) 22

   (4) 21   (   )

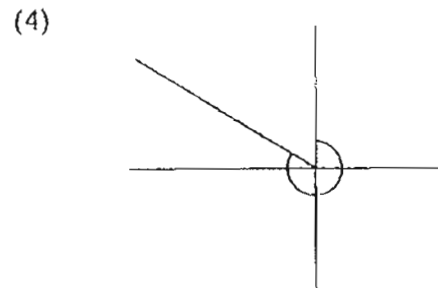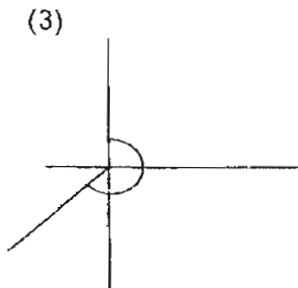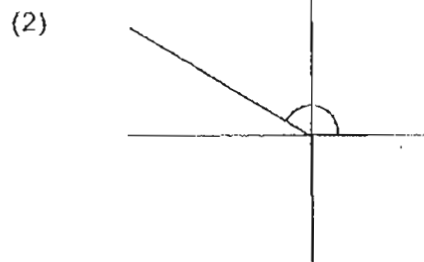5. Which one of the following set of numbers are common factors of 16 and 36?
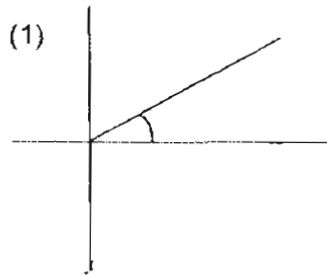
   (1) 1 and 8

   (2) 4 and 9

   (3) 1, 2 and 4

   (4) 8 and 12   (   )

6. Which one of the following angles is about 150° ?

(1)   (2)

(3)   (4)   (   )

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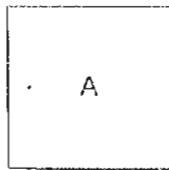7.   How many quarters are there in $5\frac{2}{8}$?

    (1)   21

    (2)   22

    (3)   40

    (4)   42

                  (   )

8.   Jazal bought nine packets of stickers. There were 116 stickers in each packet. How many stickers did she buy altogether?

    (1)   12

    (2)   944

    (3)   994

    (4)   1044   (   )

9.   Mr Choo saved $370 a month. How much did he save at the end of 4 years?

    (1) $1480

    (2) $4440

    (3) $14 800

    (4) $17 760   (   )

10. The total mass of Tim and Roger is 60 kg. The mass of Tim is 3 times that of Roger. What is the mass of Tim?

    (1)   15 kg

    (2)   20 kg

    (3)   40 kg

    (4)   45 kg   (   )

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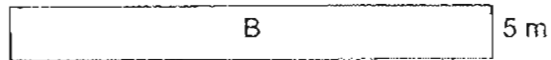11. $\frac{1}{3}$ of a number is 150 What is $\frac{1}{2}$ of the number?

    (1)   50

    (2)   75

    (3)   225

    (4)   450   (   )

12. Square A and Rectangle B have the same area.

    A, 20 m (square)   B, 5 m (rectangle)

Find the perimeter of Rectangle B.

    (1)   16 m

    (2)   42 m

    (3)   80 m

    (4)   170 m   (   )

13.   **Refer to Booklet K.**

14.   **Refer to Booklet K.**

15.   **Refer to Booklet K.**

End of Booklet A

Pei Chun Public School
Semestral Assessment 1 – 2007
Mathematics
Primary 4

Booklet B

Name : _____ ( )

Class : Primary 4 ___

Date : 7 May 2007

Time : 2 h

Maths Teacher : _____

Parent's Signature : _____

Marks :

Booklet A	24
Booklet B	56
Booklet K	20
T O T A L	100

Questions **16** to **25** 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)

Do not write in this space

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16. Complete the following pattern:

    31 290 , 30 290 , _____ , 28 290 , 27 290

    Ans : _____
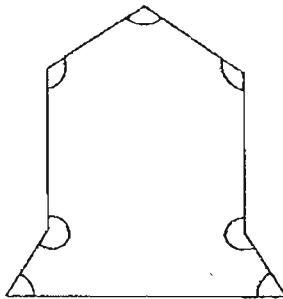
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17. Write 14 212 in words.

    _____

    _____

SCORE

18. What is the value of the digit 6 in the number 64 397?

Ans : _____

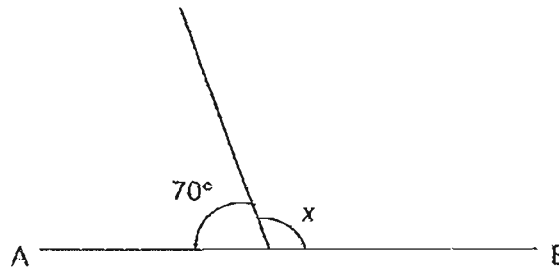19. How many of the marked angles in this figure are greater than a right angle?

Ans : _____

20. Find the sum of 4528 and 9210.

Ans : _____

21. In this figure, AB is a straight line. Find $\angle x$.

70°

x

A _____ B

Ans : _____

180

SCORE

22. A square cardboard has an area of 144 cm². Find its perimeter.
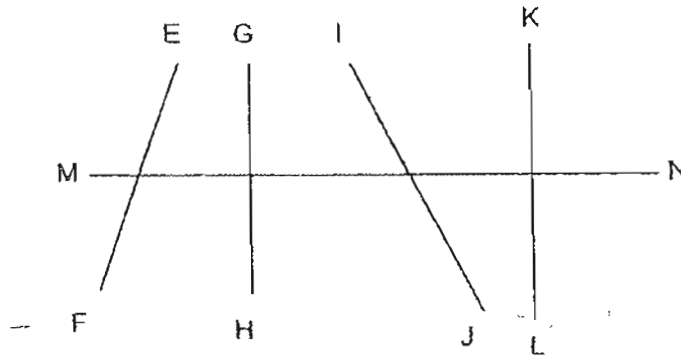
Ans : _____ cm

23. Ai Li started her tennis practice at 11.40 am. She finished her practice 2 h 25 min later. What time did she finish her practice?

Ans : _____ pm

24.

Name the line that is parallel to KL.

Ans : _____

25. $3 - \dfrac{1}{4} - \dfrac{1}{8} =$ _____ .

Ans : _____

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SCORE

Questions 26 to 32 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 (14 marks)

26. Write down the first three common multiples of 3 and 4.

Ans : _____

27. Karen bought more than 50 but less than 90 pieces of chocolate. She could either packed them equally into groups of 5 or 8. How many pieces of chocolate did she buy?

Ans : _____

28. Arrange the following fractions in order, beginning with the greatest.

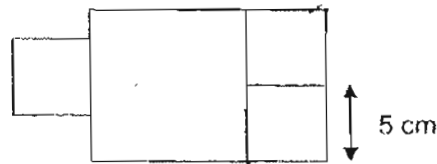$$\frac{1}{6}, \frac{1}{5}, \frac{3}{8}, \frac{2}{9}$$

Ans : _____

SCORE

29. The capacity of a can is half the capacity of a bottle. The total capacity of the bottle and can is 2 ℓ 25 mℓ. What is the capacity of the can?

Ans : _____ mℓ

---

30. The figure below is made up of a big square and 3 identical small squares. What is the area of the figure?

5 cm

Ans : _____ cm²

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31. The mass of an empty tin is 450 g. When it is full of biscuits, its mass is 1 kg 600 g. Find the mass of the tin when it is half full of biscuits.

Ans : _____ kg _____ g

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SCORE

32. The area of a rectangle is 2 times that of a square. The area of the square is 64 cm² and the breadth of the rectangle is 8 cm. What is the length of the rectangle?

Ans : _____ cm

33. Refer to Booklet K.

34. Refer to Booklet K.

35. Refer to Booklet K.

SCORE 184

Questions 36 to 43 carry 4 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. (32 marks)
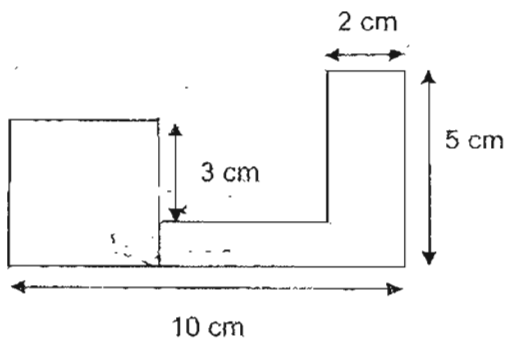
36. Mrs Suma had $45. She bought a fish weighing 2 kg and a whole chicken. The fish cost $4.30 per kg and the chicken cost $5.30. How much money had she left?

Ans : _____

SCORE

37. The figure below is made up of a square and 2 rectangles. The perimeter of the square is 16 cm. Find the area of the figure

2 cm

5 cm

3 cm

10 cm

Ans : _____

SCORE

38. Yi Juan bought 50 boxes of pens. There were 125 pens in each box. She sold 1780 of the pens and repacked the rest equally into 6 bags. How many pens were there in each bag?

Ans : _____

SCORE

39.   Mr Sng sold 450 ducks at $19 each in 2 days. He sold 38 more ducks on the first day than on the second day. How much did he collect on the second day?

Ans : _____

SCORE

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40. Fiona had 180 tarts. She gave $\frac{1}{5}$ of the tarts to her brother and some tarts to her cousin. She had 104 tarts left. What fraction of the tarts did she give to her cousin? Give your answer in its simplest form.

Ans : _____

SCORE 189

43. 2 mangoes cost as much as 5 apples. Chee Meng bought 3 mangoes and 5 apples for $15

    (a)   How much did a mango cost?

    (b)   How much did an apple cost?

Ans :(a)_____
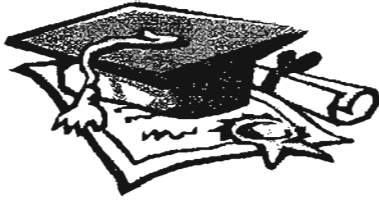
(b)_____

44.   **Refer to Booklet K.**

45.   **Refer to Booklet K.**

End of Booklet B

Set by   : Ms Florence Tan SL
Vetted by: P4 Maths Committee Teachers

SCORE

ANSWER SHEET

PEI CHUN PRIMARY SCHOOL ~ PRIMARY 4 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (1)

1. 3
2. 1
3. 3
4. 2
5.
6. 2
7. 1
8. 4
9. 4
10. 4
11.
12. 4
13.
14.
15.
16. 29260
17. Fourteen thousand, two hundred and twelve
18. 60000
19. 5
20. 13738
21. 110
22. 46cm
23. 2.05pm
24. GH
25. 2 $\frac{5}{8}$
26. 12,24,36
27. 80 pieces
28. 3/8,2/9,1/5,1/6
29. 675ml
30. 175cm3

31) 1kg 25g
32) 16cm
36) 430x2=860
860+530=1390
4500-1390=3110
She had $31.10 left.

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37) $16 \div 4 = 4$
$10 - 4 = 6$
$4 - 3 = 1$
$3 + 1 = 4$
$5 - 4 = 1$
$10 - 4 - 2 = 4$
$10 \times 5 = 50$
$4 \times 4 = 16$
$50 - 16 = 34$
$4 \times 1 = 4$
$34 - 4 = 30$
The area of the figure
is 30cm2

38) $125 \times 50 = 6250$
$6250 - 1780 = 4470$
$4470 \div 6 = 745$
There were 745 pens
in each bag.

39) $450 - 38 = 412$
$412 \div 2 = 206$
$206 \times 19 = 3914$
He collected $3914
on the second day.

40) $180 \div 5 = 36$
$180 - 39 = 144$
$144 - 104 = 40$
(Fiona gave=40/180)
$= 2/9$
She gave 2/9 of the tarts
to her cousin.

41) $260 \times 3 = 780$
$780 + 860 = 1640$
$= 16L40ml$

42) $10 \div 2 = 5$
$5 \times 11 = 55$
$5 \times 4 = 20$
$55 + 55 = 110$
$20 + 20 = 40$
$110 + 40 = 150$
The perimeter of the
window is 1m 50cm

43) 3 mangoes +5apple=15
3 mangoes +2mangoes→15
1 mango→15÷5=$3
(2mangoes(5apple))→6
1apple→6÷5=$1.20

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