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)

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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   (   )

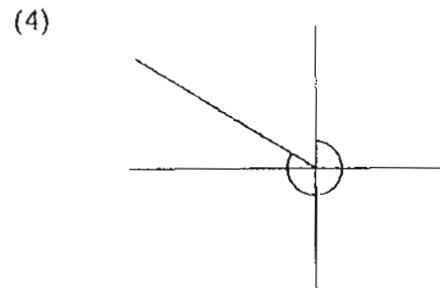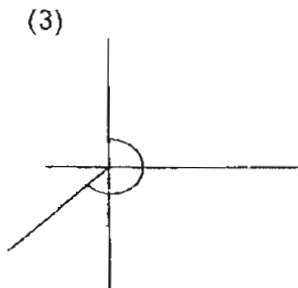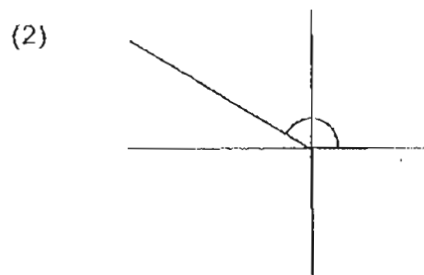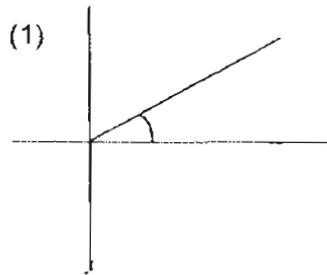5. Which one of the following set of numbers are common factors of 16 and 36?

   (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° ?
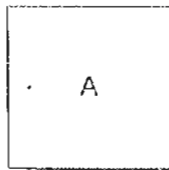
   (1)   (2)

   (3)   (4)

                                                               (   )

176

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

    (   )

177

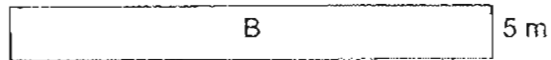11. $\frac{1}{3}$ of a number is 150. What is $\frac{1}{2}$ of the number?

    (1)   50

    (2)   75

    (3)   225

    (4)   450   (   )

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

20 m

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

178

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
TOTAL	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)

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16. Complete the following pattern:

    31 290 , 30 290 , _____ , 28 290 , 27 290
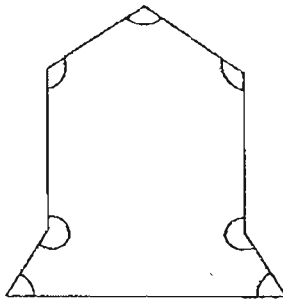
    Ans : _____

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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 : _____

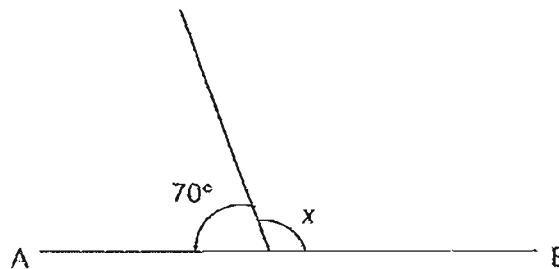19. How many of the marked angles in this figure are greater than a right angle?

Ans : _____

20. Find the sum of 4528 and 9210.

Ans : _____

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

Ans : _____

18

SCORE

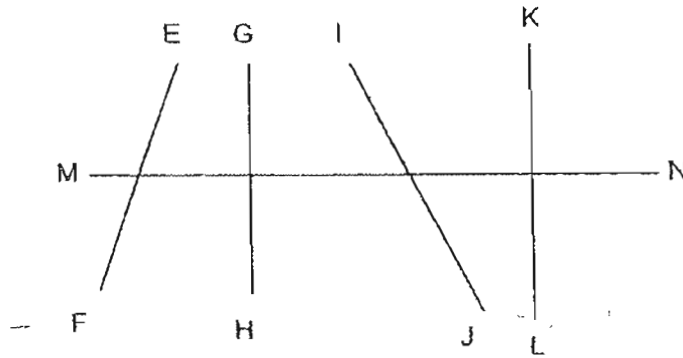22. A square cardboard has an area of 144 cm². Find its perimeter.

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 : _____

181
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)

Do not write on this space

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.

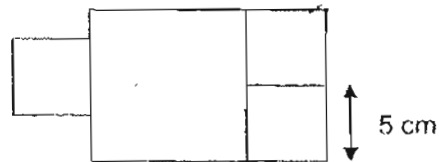$$\frac{1}{6} , \frac{1}{5} , \frac{3}{8} , \frac{2}{9}$$

Ans : _____

18

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

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

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

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33. **Refer to Booklet K.**

34. **Refer to Booklet K.**

35. **Refer to Booklet K.**

SCORE

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)
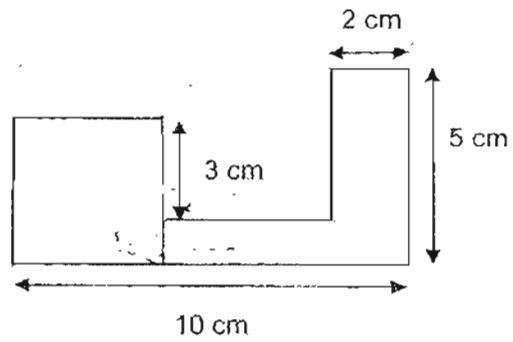
Do not write in this space

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 8

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

Ans : _____

SCORE

186

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 : _____

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 : _____

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 : _____

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.**

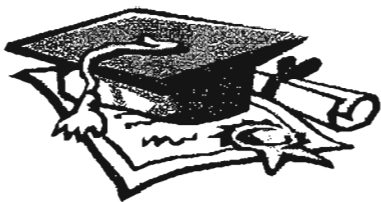45. **Refer to Booklet K.**

End of Booklet B

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

SCORE 190

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 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.

37) 16÷4=4
    10-4=6
    4-3=1
    3+4=4
    6-4=1
    10-4-2=4
    10x5=50
    4x4=16
    50-16=34
    4x1=4
    34-4=30
    The area of the figure
    is 30cm2

38) 125x50=6250
    6250-1780=4470
    4470÷6=745
    There were 745 pens
    in each bag.

39) 450-38=412
    412÷2=206
    206x19=3914
    He collected $3914
    on the second day.

40) 180÷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) 260x3=780
    780+860=1640
    =16L40ml

42) 10÷2=5
    5x11=55
    5x4=20
    55+55=110
    20+20=40
    110+40=150
    The perimeter of the
    window is 1m 50cm

43) 3 mangoes x5apple=15
    3 mangoes +2mangoes→15
    1 mango→15÷5=$3
    (2mangoes(5apple))→6
    1apple→6÷5=$1.20

192