Pei Chun Public School
Semestral Assessment 2 – 2007
Mathematics
Primary 4

Booklet A

Name: _____ (   )   Date: 25 October 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 80 079, the digit 8 is in the _____ place.

    (1)   tens

    (2)   hundreds

    (3)   thousands

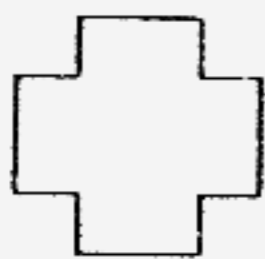   (4)   ten thousands   (   )

2.   Which of the following figures has perpendicular lines?

    (1)

    (2)

    (3)

    (4)

                            (   )

3. _____ is 6000 when rounded off to the nearest hundred.

    (1)   6105

    (2)   6045

    (3)   5949

    (4)   5899   (   )

4. The first 2 common multiples of 6 and 8 are _____.

    (1)   1 and 2

    (2)   16 and 24

    (3)   24 and 48

    (4)   48 and 96   (   )

5. $\dfrac{30}{5} \times 4 = \square$

The fraction in the box is _____.

    (1) $\dfrac{12}{5}$

    (2) $\dfrac{120}{5}$

    (3) $\dfrac{30}{20}$

    (4) $\dfrac{120}{20}$ (   )

6. Express $3\dfrac{1}{25}$ as a decimal.

    (1)   3.1

    (2)   3.4

    (3)   3.04

    (4)   3.25   (   )

7. 1 thousandth more than 9.989 is _____.

    (1)   9.99

    (2)   9.999

    (3)   10

    (4)   10.089   (   )

8. A movie lasting 2 h 35 min ended at 01 00. At what time did it start? Give your answer in 24-hour time.

    (1)   10.25 a.m.

    (2)   10.25 p.m.

    (3)   10 25

    (4)   22 25   (   )

9. When I am divided by 12, the quotient is 371 with a remainder of 11. What number am I?

    (1)   1124

    (2)   4441

    (3)   4452

    (4)   4463   (   )

10. At a party, there were 36 more children than adults. $\frac{1}{4}$ of the guests were adults. How many adults were there?

    (1)   9
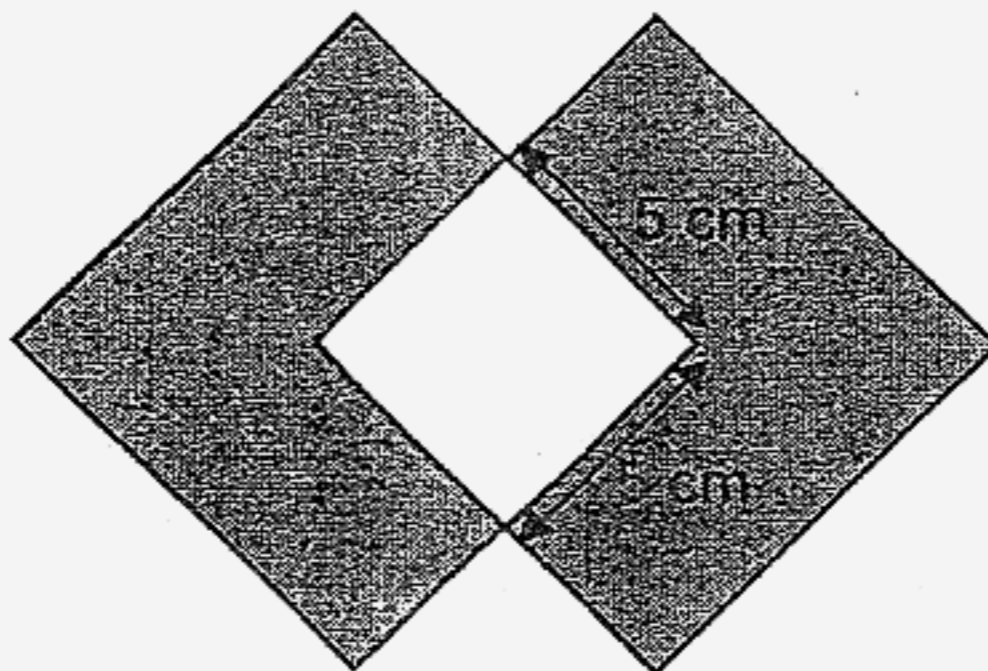
    (2)   12

    (3)   18

    (4)   54   (   )

11. How many right angles are there in this figure?
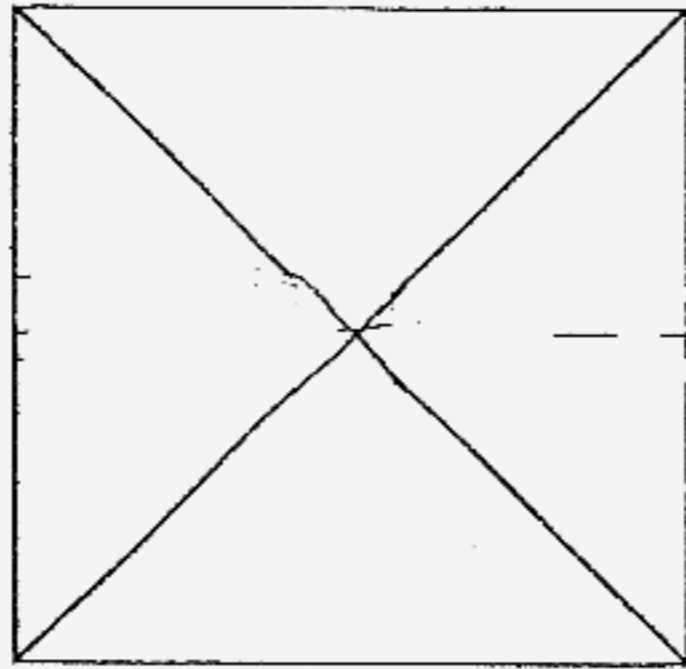
   (1)   18

   (2)   12

   (3)   8

   (4)   4   (   )

12. Two identical squares of side 9 cm are arranged as shown in the figure below.

What is the total area of the shaded parts?

   (1)   25 cm²

   (2)   112 cm²

   (3)   137 cm²

   (4)   162 cm²   (   )

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 2 – 2007
Mathematics
Primary 4

Booklet B

Name : _____ (   )   Marks :

Class : Primary 4 ____

Date : 25 October 2007

Time : 2 h

Maths Teacher : _____

Parent's Signature : _____

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)

16. Write 98 040 in words.

_____

_____

17. What value does the letter A represent?
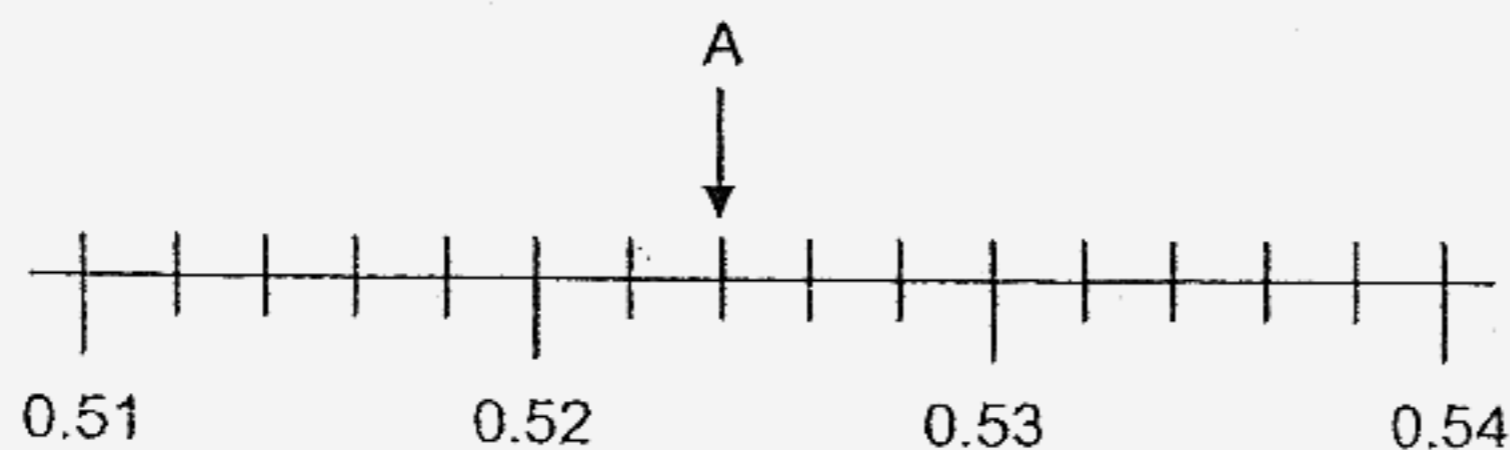
Ans : _____

SCORE

18. Complete the following pattern:

53, 58, 68, 83, _____, 128

Ans : _____

19. There are _____ halves in $3\frac{2}{4}$.

Ans : _____

20. The duration from 21 35 on Sunday to 00 25 on Monday is_____.

Ans : _____ h _____ min

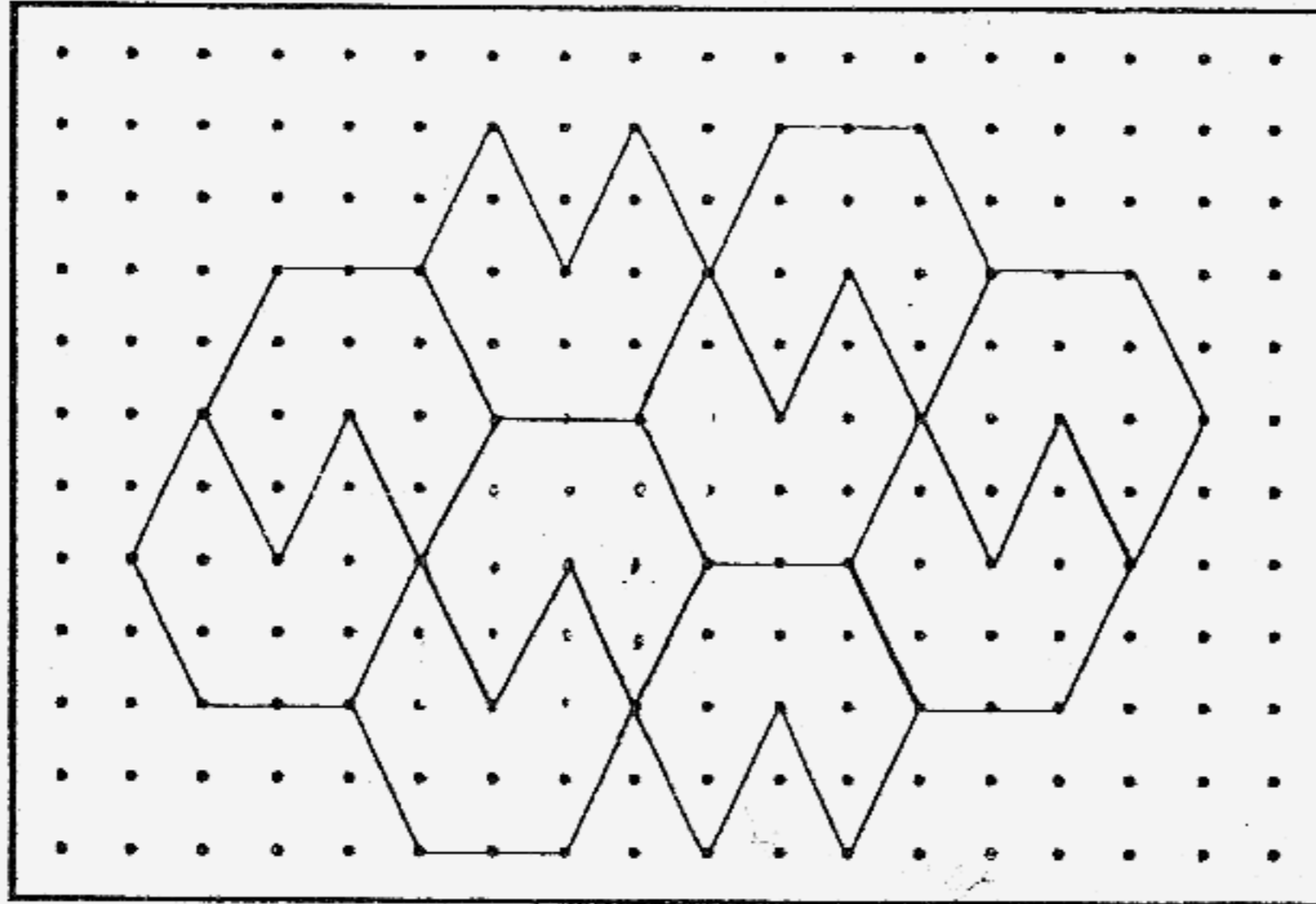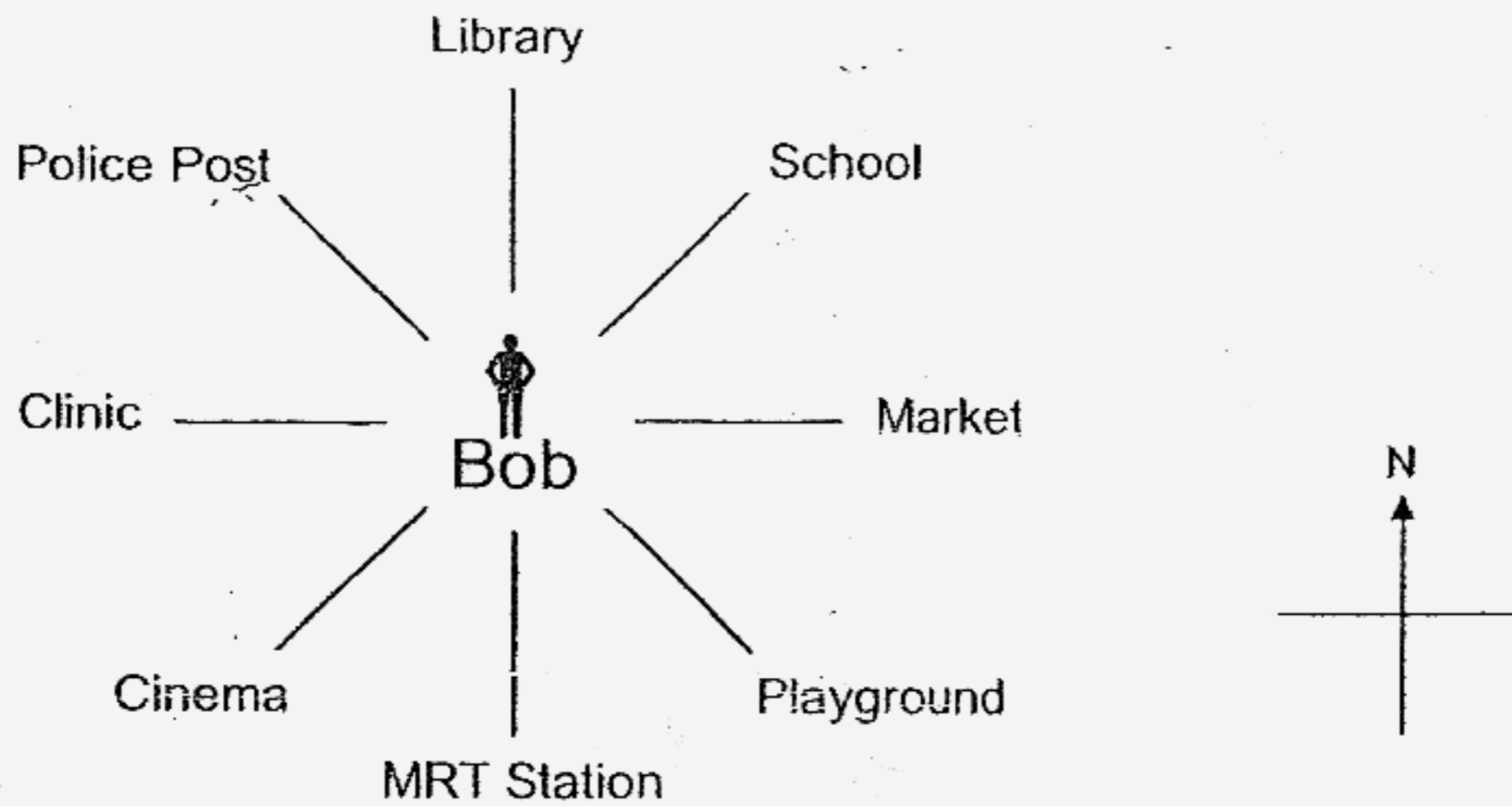21. Express 6.08 as a mixed number in the simplest form.

Ans : _____

SCORE

22. Shade a unit shape of the tessellation.

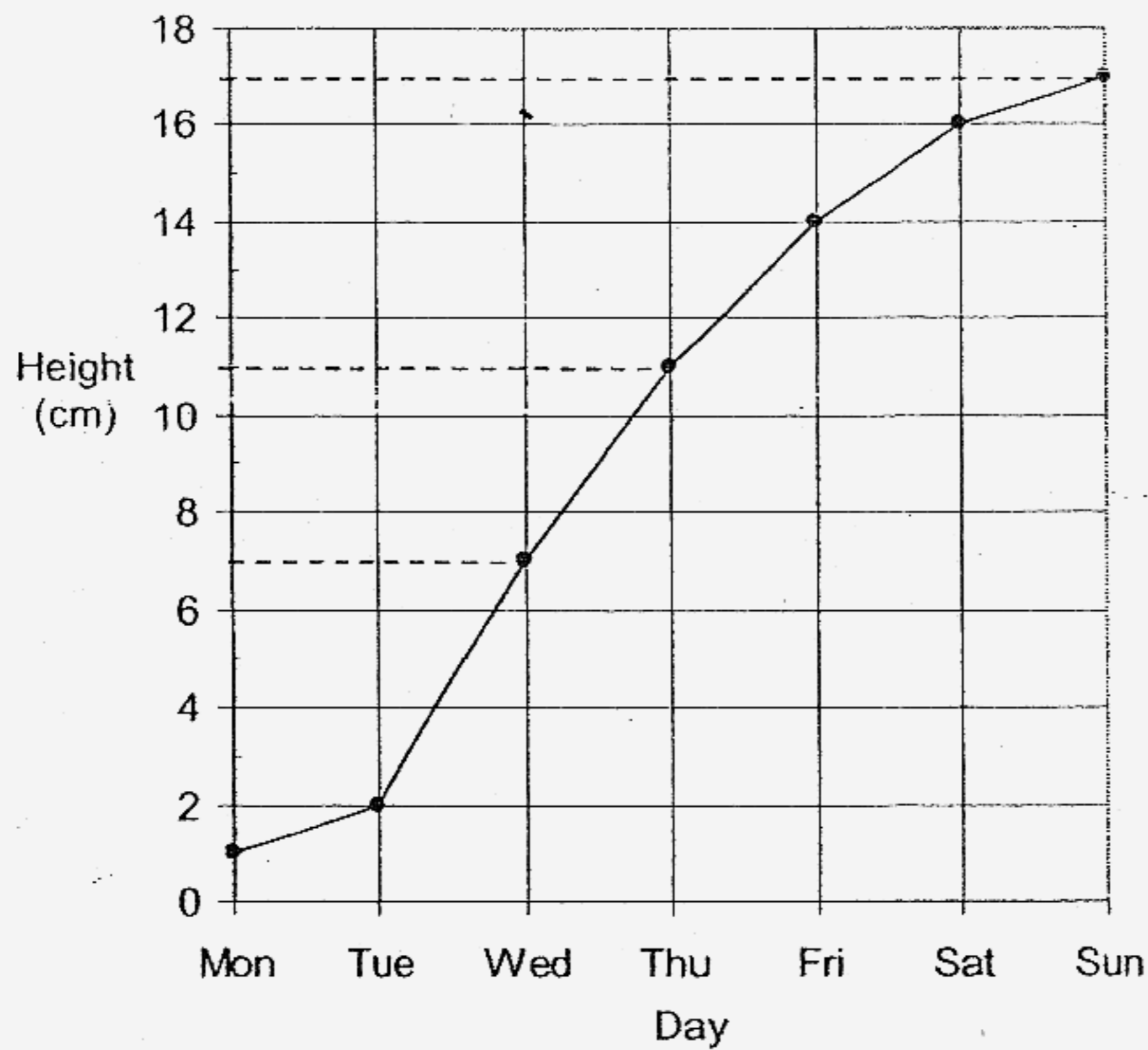23. The diagram below shows some places in Bob's neighbourhood.

Bob was facing north-west. He made a $\frac{3}{4}$ - turn in an anti-clockwise direction.

Which place is he facing now?

Ans : _____

SCORE

The graph below shows the height of a plant measured at 8 a.m. every day for 7 days. Use the graph to answer questions 24 and 25.

24. What was the height of the plant on Thursday?

Ans : _____ cm

25. Between which two days did the plant grow the most?

Ans : _____ and _____

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)

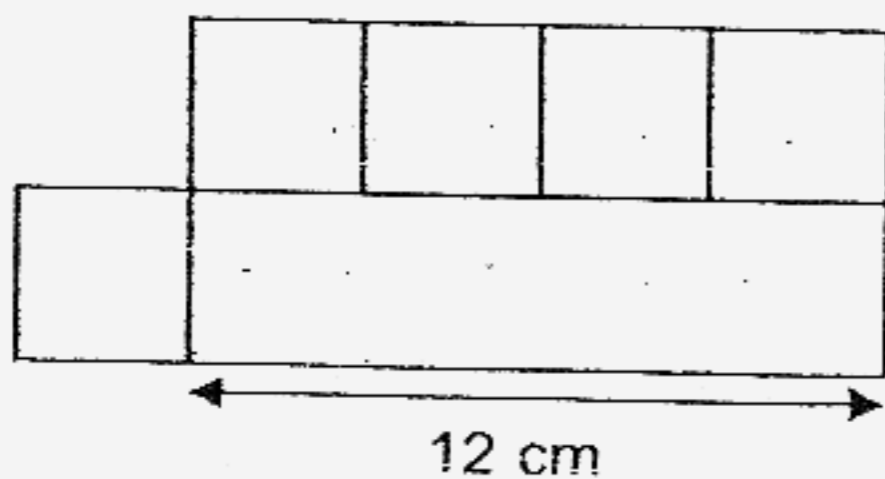26. The common factors of 24 and 32 are 1, 2, _____ and _____.

Ans : _____ and _____

27. Arrange the following fractions in order, beginning with the smallest.

$$\frac{5}{11}, \quad \frac{1}{4}, \quad \frac{2}{7}, \quad \frac{1}{3}$$

Ans : _____

28. The figure below is made up of a rectangle and 5 identical squares. What is the area of the figure?
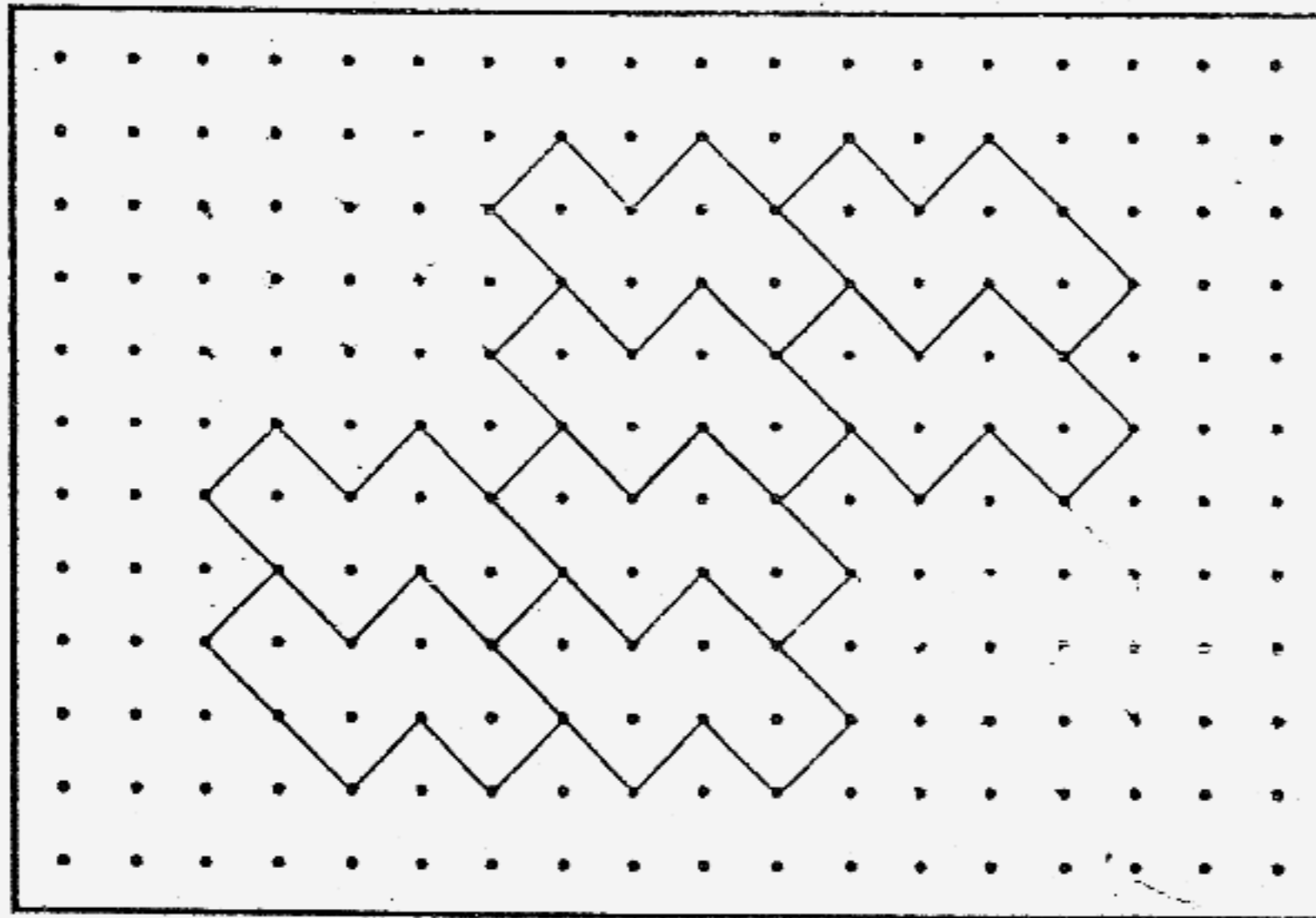

12 cm

Ans : _____ cm²

29. The angle turned through by the hour hand from 11 a.m. to 8 p.m. is_____.

Ans : _____ °

SCORE

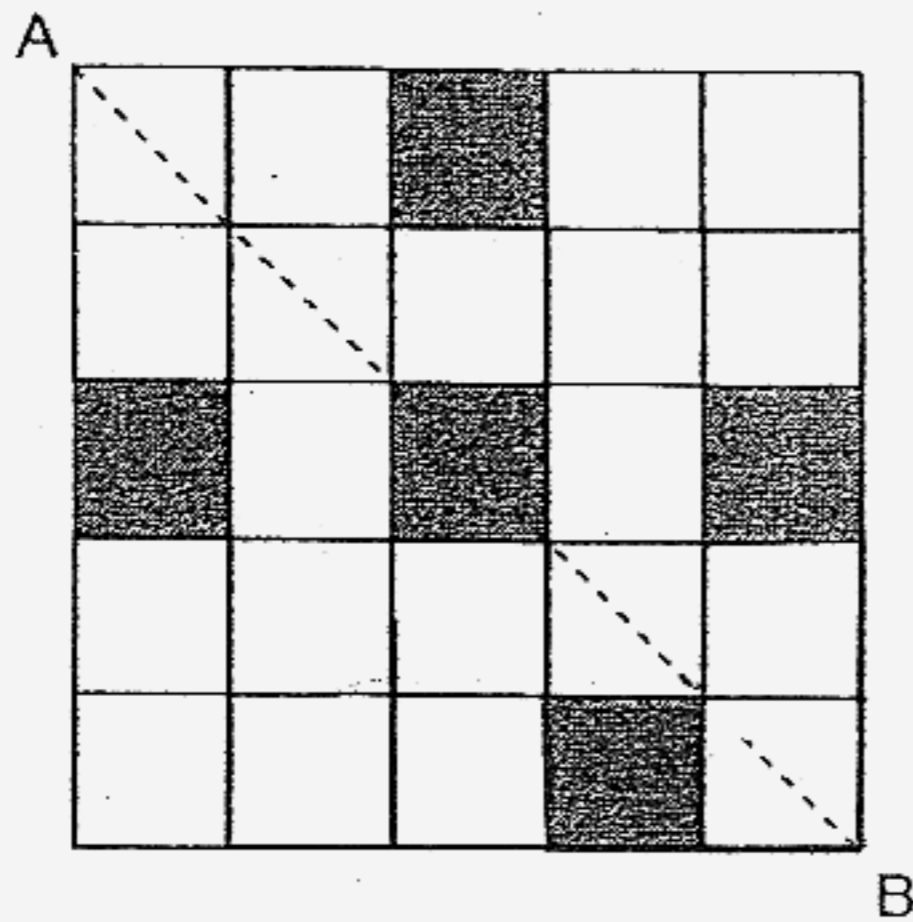MA / P4 / SA2 / 2007   Page 5 of 14   (Go on to the next page)

30. The pattern in the box shows part of a tessellation. Extend the tessellation by drawing **four** more unit shapes in the space provided within the box.

31. Shade two more unit squares so that AB is the line of symmetry.

32. The sum of 2 numbers is 137.4. The value of one number is 0.2 of the other. What is the smaller number?

Ans : _____

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**)

36. Ban Heng bought 8 cups. Each cup cost $5.65.

(a) How much did the cups cost?

(b) How much did he give the cashier if he received $4.80 change?

Ans : (a) _____ [2]

(b) _____ [2]

SCORE

37. Fatimah had 225 cartons of canned drinks. In each carton, there were 12 canned drinks. She sold 157 cartons. How many canned drinks were left?

Ans : _____[4]

SCORE

38. Meng Huat had 270 stamps. He gave $\frac{4}{9}$ of the stamps to Ali and some stamps to Leela. He had 60 stamps left. What fraction of the stamps did he give to Leela? Give your answer in its simplest form.
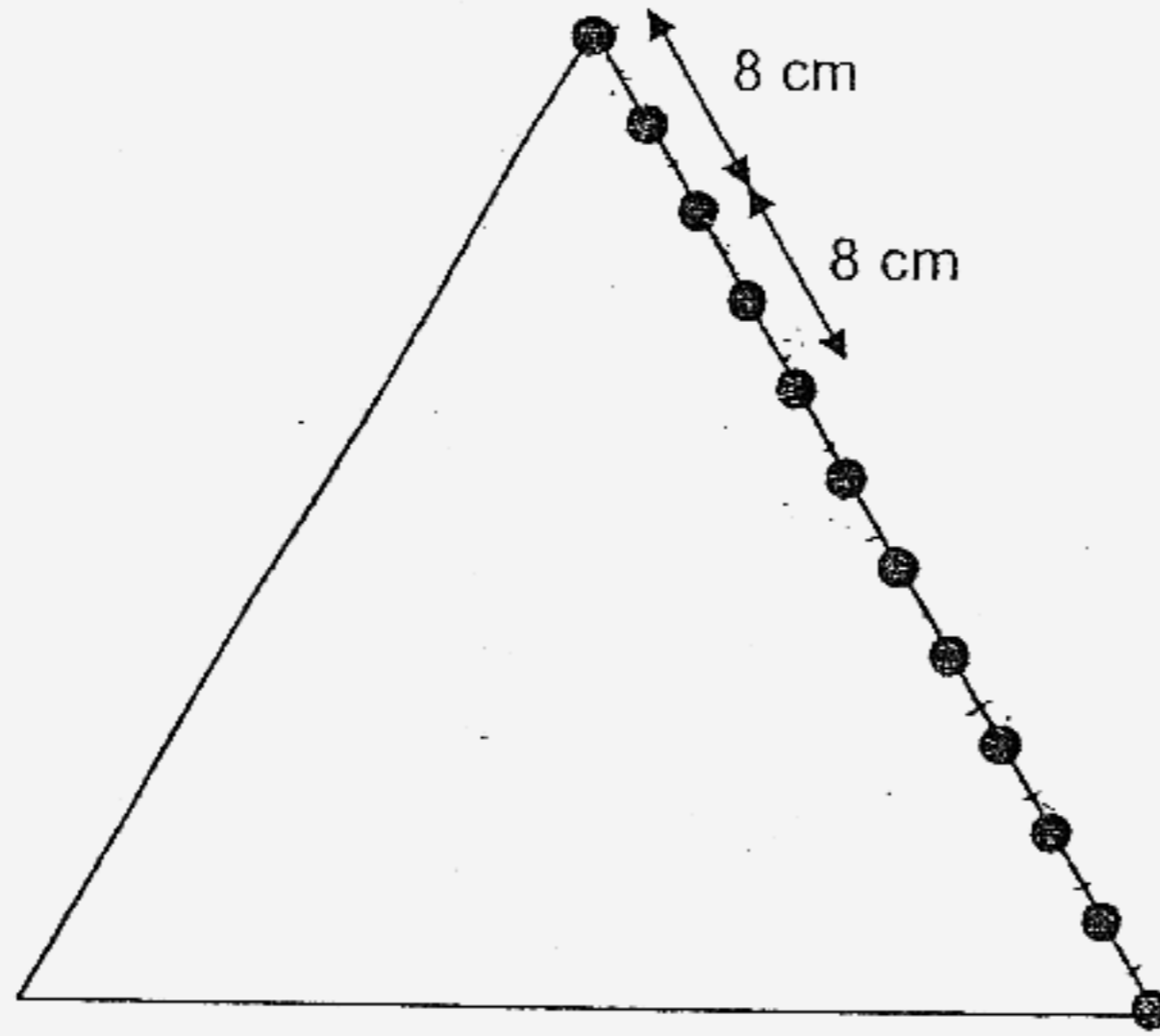
Ans : _____ [4]

SCORE

39.   Helen makes some markings on the sides of a triangular piece of cardboard. The three sides of the cardboard are of equal length. There are 12 points on each side of the cardboard. The distance between 3 points is 8 cm. What is the perimeter of the piece of cardboard?

8 cm

8 cm

Ans : _____ [4]

SCORE

40. The length of a string is 10.61 m. It is 1.85 m longer than a rope. The rope is 6 times as long as a thread. What is the length of the thread? Round off your answer to 1 decimal place.
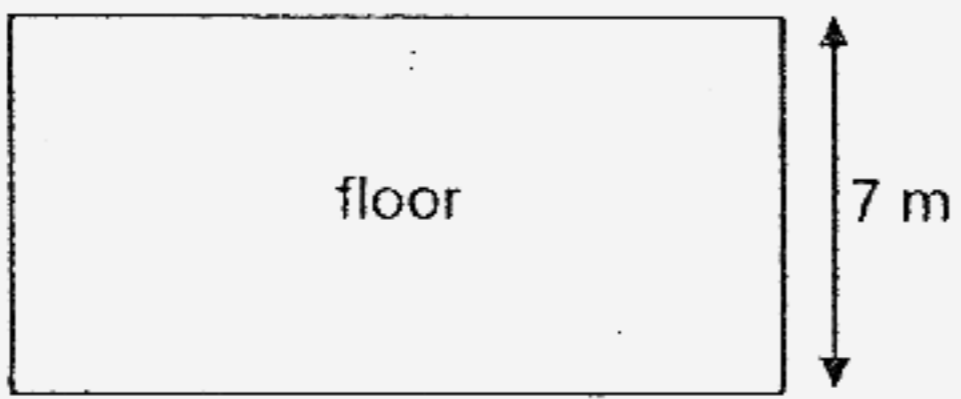
Ans : _____ [4]

SCORE

41. The diagram below shows a rectangular floor. $\frac{3}{5}$ of the floor is painted.
42 m² of the floor is not painted. Find the perimeter of the floor.

floor | 7 m

Ans : _____ [4]

SCORE

42. There are 60 more buttons than marbles in a box. 0.4 of the buttons is equal to $\frac{4}{7}$ of the marbles. How many buttons are there in the box?

Ans : _____ [4]

SCORE

43. Deepa paid $25 for 35 pens and pencils altogether. The pens were sold at $2 each and the pencils were sold at 3 for $1. How many pencils did she buy?

Ans : _____ [4]

44. **Refer to Booklet K.**

45. **Refer to Booklet K.**

End of Booklet B

Set by   : Mdm Ong Bok Hoon
Vetted by: P4 Maths Committee Teachers

SCORE

PEI CHUN PRIMARY SCHOOL - PRIMARY 4 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (2)

1. 4
2. 1
3. 2
4. 3
5. 4
6. 3
7. 1
8. 4
9. 4
10. 3
11. 2
12. 2
13. 0
14. 0
15. 0
16. Ninety-eight thousand and forty
17. 0.524
18. 103
19. 7
20. 2h 50min
21. 6 2/25
22.

23) School
24) 11cm
25) Tuesday and Wednesday
26) 4 and 8
27) ¼ ,2/7,1/3,5/11
28) 81cm2
29) 270°
30)

31)
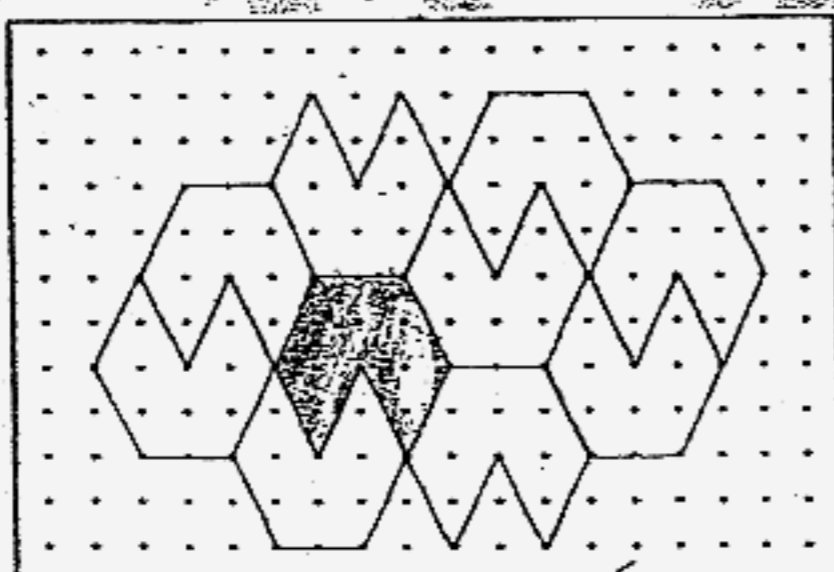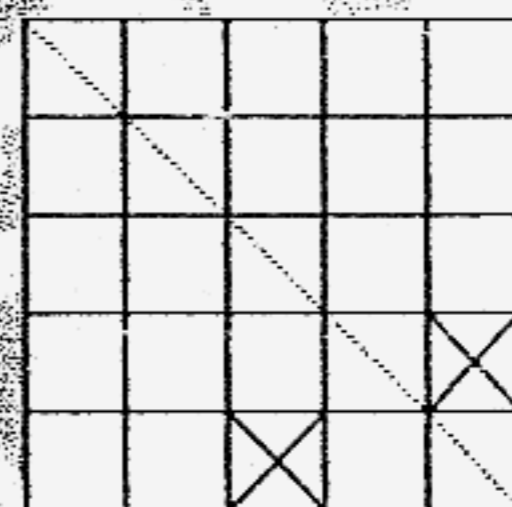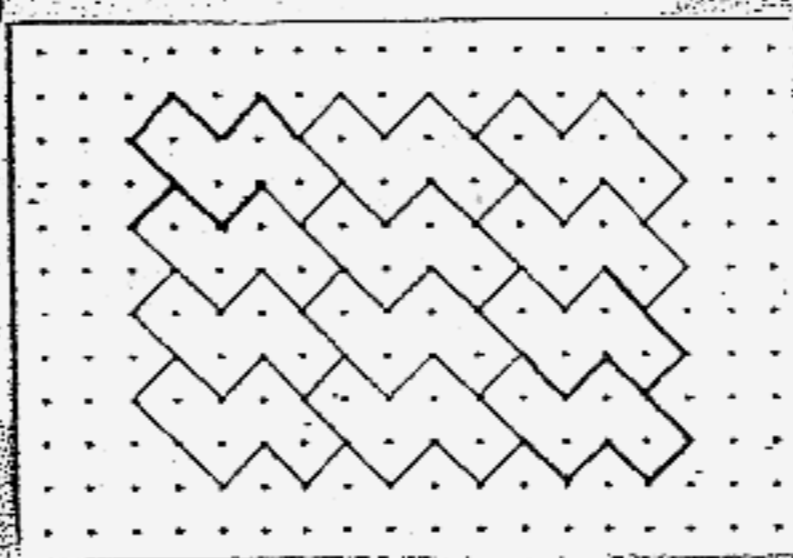
32)22.9

36)a)5.65x8=45.20

The cups cost $45.20

b)45.20+4.80=50.00

He gave the cashier $50

37)225-157=68

68x12=816

816 canned drinks were left.

38)270÷9=30

30x4=120

270-120=150

150-60=90

90/270=9/27

9/27=1/3

He gave 1/3 stamps to Leela.

39)8x2=16

5-1=4

16÷4=4

4x11=44

44x3=132

The perimeter of the piece of cardboard is 132cm

40)10.61-1.85=8.76

8.76÷6=1.46

1.46≈1.5

The length of the thread is 1.5m

41)1-3/5=2/5

2/5→42m2

42÷2=21

21x5=105

105÷7=15

15+15=30

30+7=37

37+7=44

The perimeter of the floor is 44m.

42) 10-7=3

    3/7→60

    60÷3=20

    20x7=140

    140+60=200

There are 200 buttons in the box.

43) 27