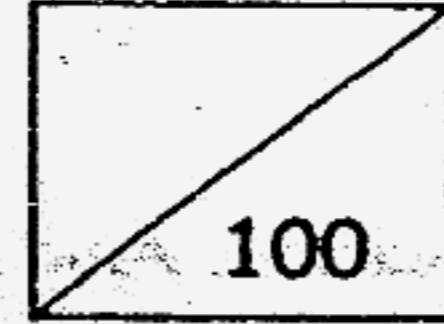


HENRY PARK PRIMARY SCHOOL  
END-OF-YEAR EXAMINATION 2007  
MATHEMATICS  
PRIMARY 3

NAME: \_\_\_\_\_ ( )

CLASS: PRIMARY 3 \_\_\_\_\_

DURATION: 1 h 30 min



Section A: (2 marks each)

Choose the correct answer for each question and write its number (1, 2, 3, or 4) in the brackets provided. You are required to shade the OAS at the end of the examination.

1) 640 is \_\_\_\_\_ less than 7380.

- 1) 6340
- 2) 6740
- 3) 7340
- 4) 7740

( )

2) What is the product of  $876 \times 8$ ?

- 1) 6478
- 2) 6968
- 3) 7008
- 4) 7288

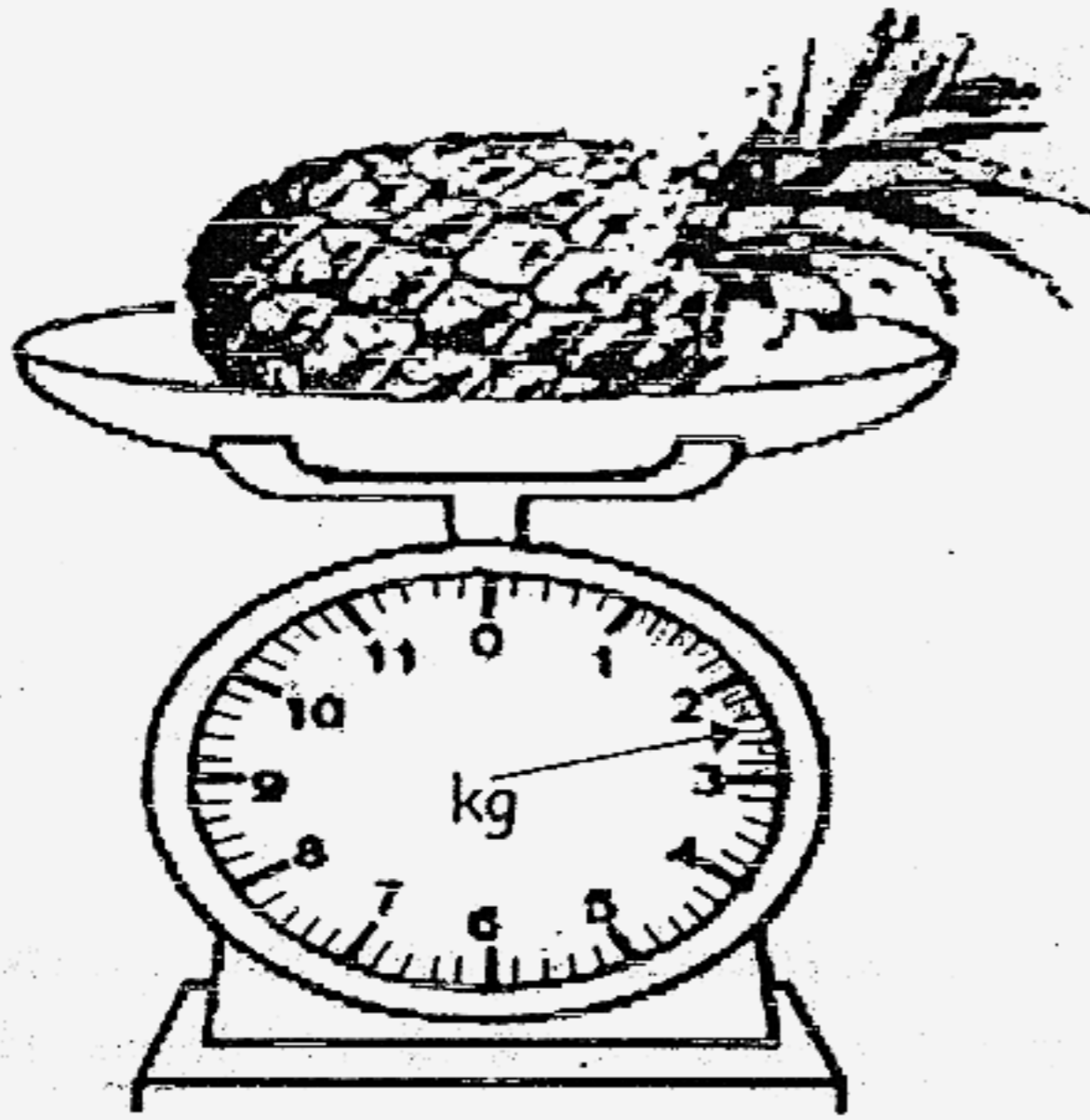
( )

3) 3 km 75 m is equal to \_\_\_\_\_ m.

- 1) 375
- 2) 3 075
- 3) 3 705
- 4) 3 750

( )

4)



What is the mass of the pineapple on the weighing scale?

- 1) 2 kg 50g
- 2) 2 kg 200g
- 3) 2 kg 250g
- 4) 2 kg 500g

( - )

5) Pail A can hold 3 878 ml of water. Pail B can hold 59 ml lesser water than Pail A. How much water can Pail B hold?

- 1) 3 811 ml
- 2) 3 819 ml
- 3) 3 829 ml
- 4) 3 937 ml

( )

6) Which of the following is not an equivalent fraction of  $\frac{3}{12}$ ?

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

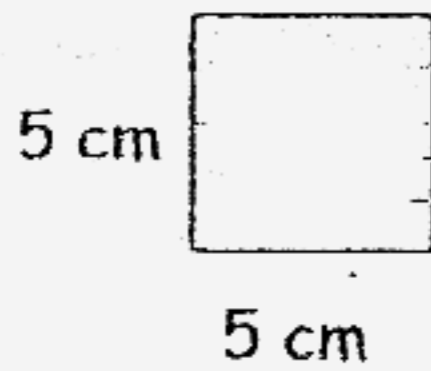
2)  $\frac{2}{6}$

3)  $\frac{2}{8}$

4)  $\frac{4}{16}$

( )

7) Each side of the square is 5 cm long. What is the area of the square?



1)  $5 \text{ cm}^2$

2)  $10 \text{ cm}^2$

3)  $20 \text{ cm}^2$

4)  $25 \text{ cm}^2$

( )

8) Look at the following number pattern.

65	108	A
35	78	236
15	58	216
5	48	206

A is \_\_\_\_\_.

- 1) 246
- 2) 256
- 3) 266
- 4) 276

( )

9) Use the digits 7, 6, 4, and 0 to form the smallest possible 4-digit even number.

- 1) 4706
- 2) 4607
- 3) 4076
- 4) 4067

( )

10) What is the missing digit in the box?

$$\begin{array}{r} 7564 \\ - 2\boxed{\phantom{0}}89 \\ \hline 5475 \end{array}$$

- 1) 1
- 2) 0
- 3) 8
- 4) 9

( )

11) Tom has 8 albums which contain 7 pages of stickers in each album. If there are 24 stickers in each album, how many stickers does Tom have in all?

- 1) 39
- 2) 192
- 3) 360
- 4) 1344

( )

12) How much does Irene have if she is given 6 fifty-cent coins, 7 twenty-cent coins and 5 ten-cent coins?

- 1) \$ 1.93
- 2) \$ 2.20
- 3) \$ 4.90
- 4) \$ 6.75

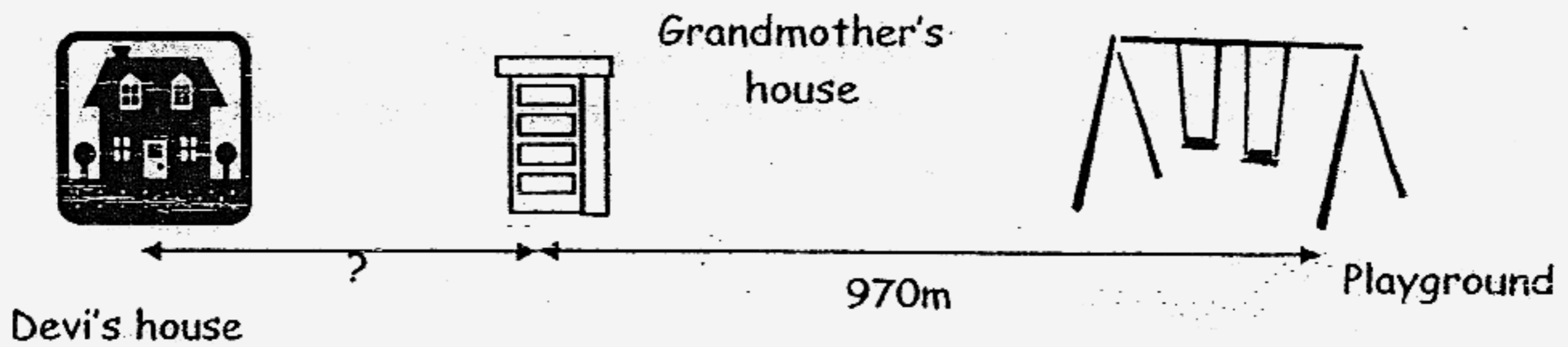
( )

13) The time shown on Ahmad's watch is 2.15 p.m. His watch is 25 minutes slow. The correct time on his watch should be \_\_\_\_\_ p.m.

- 1) 1.50
- 2) 1.55
- 3) 2.30
- 4) 2.40

( )

14) The diagram shows the route taken by Devi to walk from her house to her grandmother's house and then to the playground. The total distance covered by Devi was 2020 m. What was the distance she walked from her house to her grandmother's house?



- 1) 1 km 50 m
- 2) 1 km 190 m
- 3) 1 km 500 m
- 4) 2 km 990 m

( )

15) The mass of an apple is 132 g. The mass of a durian is 3 095 g. The total mass of the 2 fruits is \_\_\_\_\_.

- 1) 2 kg 963 g
- 2) 3 kg 227 g
- 3) 4 kg 082 g
- 4) 4 kg 127 g

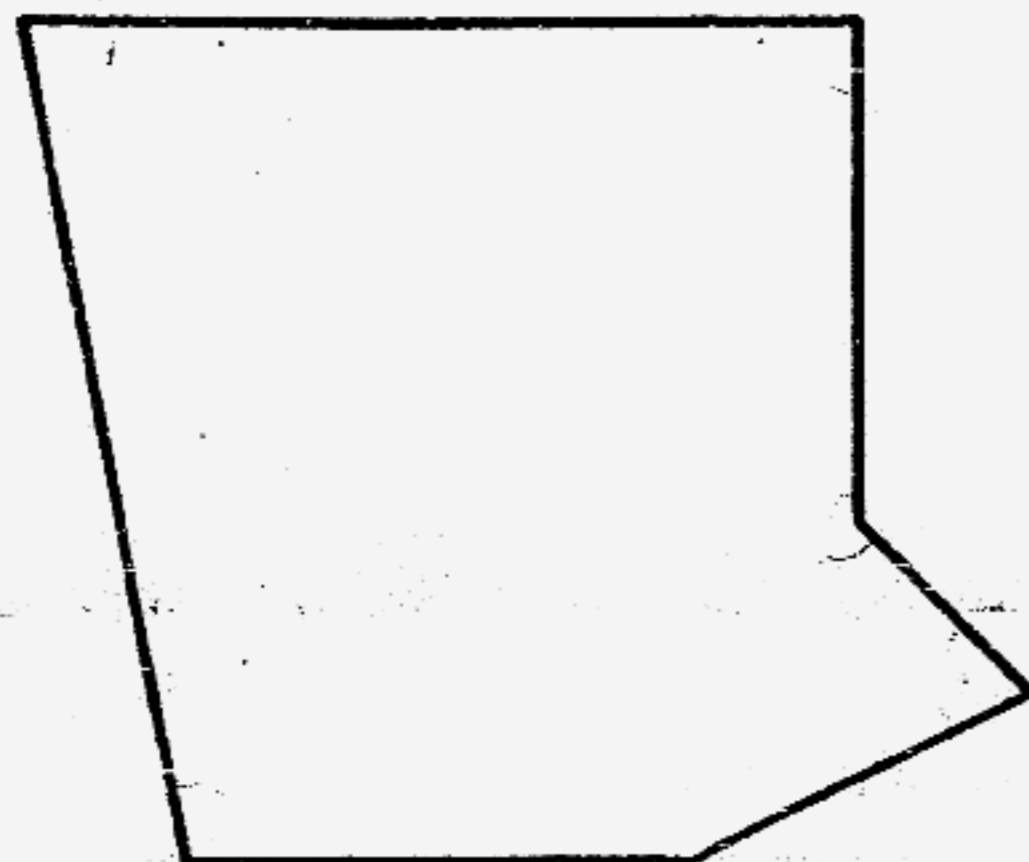
( )

16) What is the sum of  $\frac{1}{4}$ ,  $\frac{1}{8}$  and  $\frac{1}{2}$ ?

- 1)  $\frac{3}{8}$
- 2)  $\frac{7}{8}$
- 3)  $\frac{4}{10}$
- 4)  $\frac{3}{14}$

( )

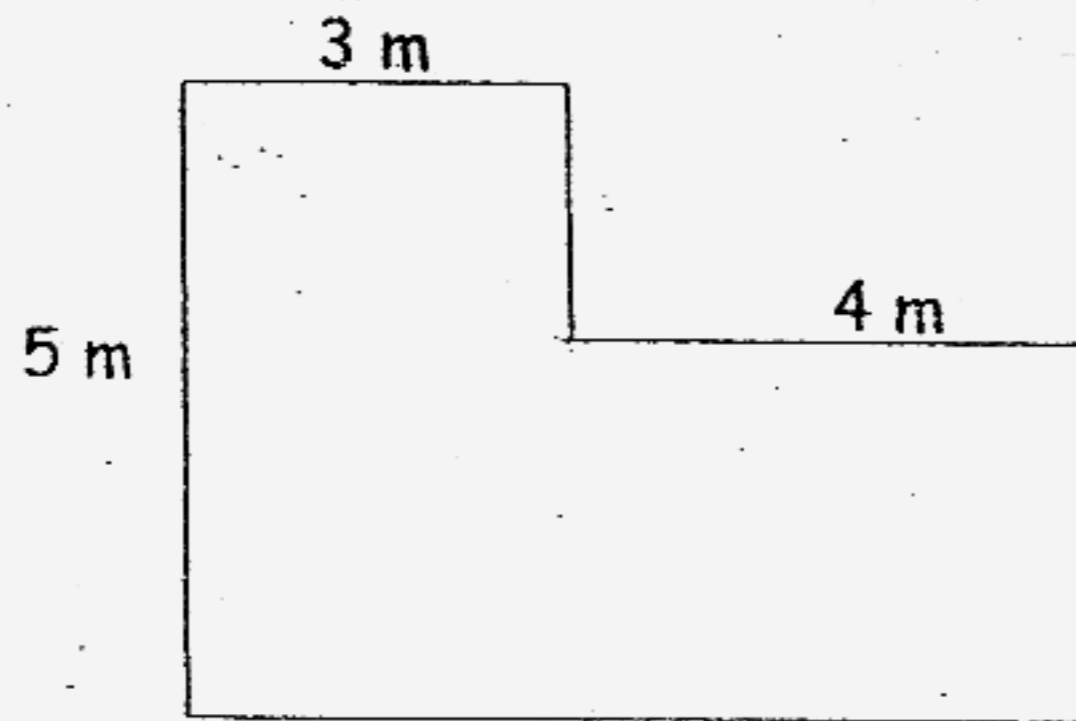
17) How many angles are there inside the figure shown below?



- 1) 4
- 2) 5
- 3) 6
- 4) 7

( )

18)



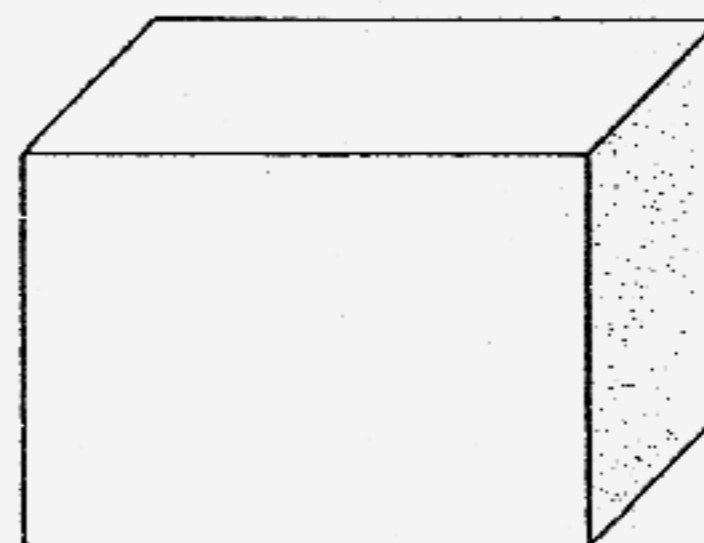
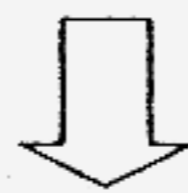
Mr Phua wants to build a fence around his garden as shown above. What is the length of fencing he needs to buy?

- 1) 21 m
- 2) 22 m
- 3) 24 m
- 4) 25 m

( )

19) Cup A contains 240 ml of water and Cup B contains 180 ml more water than Cup A. The water in both cups is emptied into an empty tank as shown below. Find the volume of water in the tank.

- 1) 300 ml
- 2) 420 ml
- 3) 600 ml
- 4) 660 ml



Tank

( )

20) The table below shows the marks of 3 students. Part of the marks obtained by Francis and George has been covered. What could George's marks be?

Eddie	38
Francis	4
George	3
Total Marks	122

- 1) 30
- 2) 32
- 3) 34
- 4) 37

( )

**Section B: ( 2 marks each)**

Answer the following questions. Write your answers in the boxes provided.

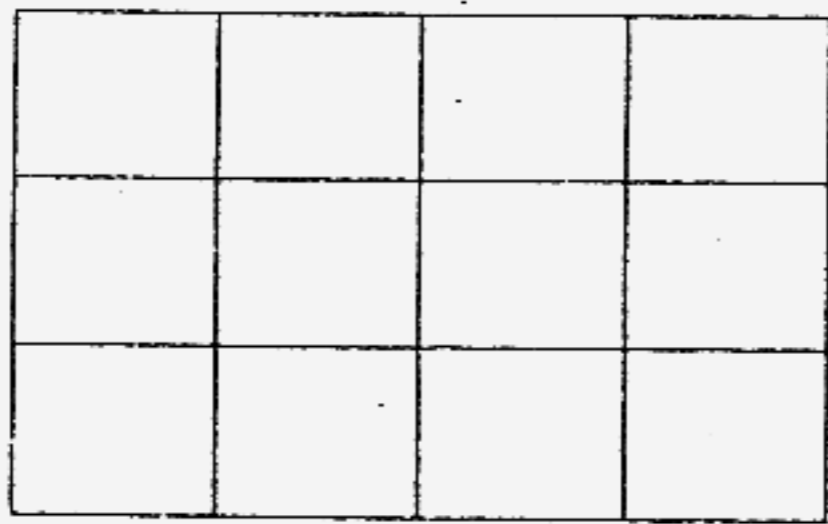
- 21) Fill in the missing signs so that the number sentence is correct.

$$8 \quad \boxed{\phantom{000}} \quad 3 \quad = \quad 96 \div 4$$

- 22) Mr Tan gave \$ 35.00 to his son and \$ 46.50 to his daughter. How much more money did his daughter receive than his son?

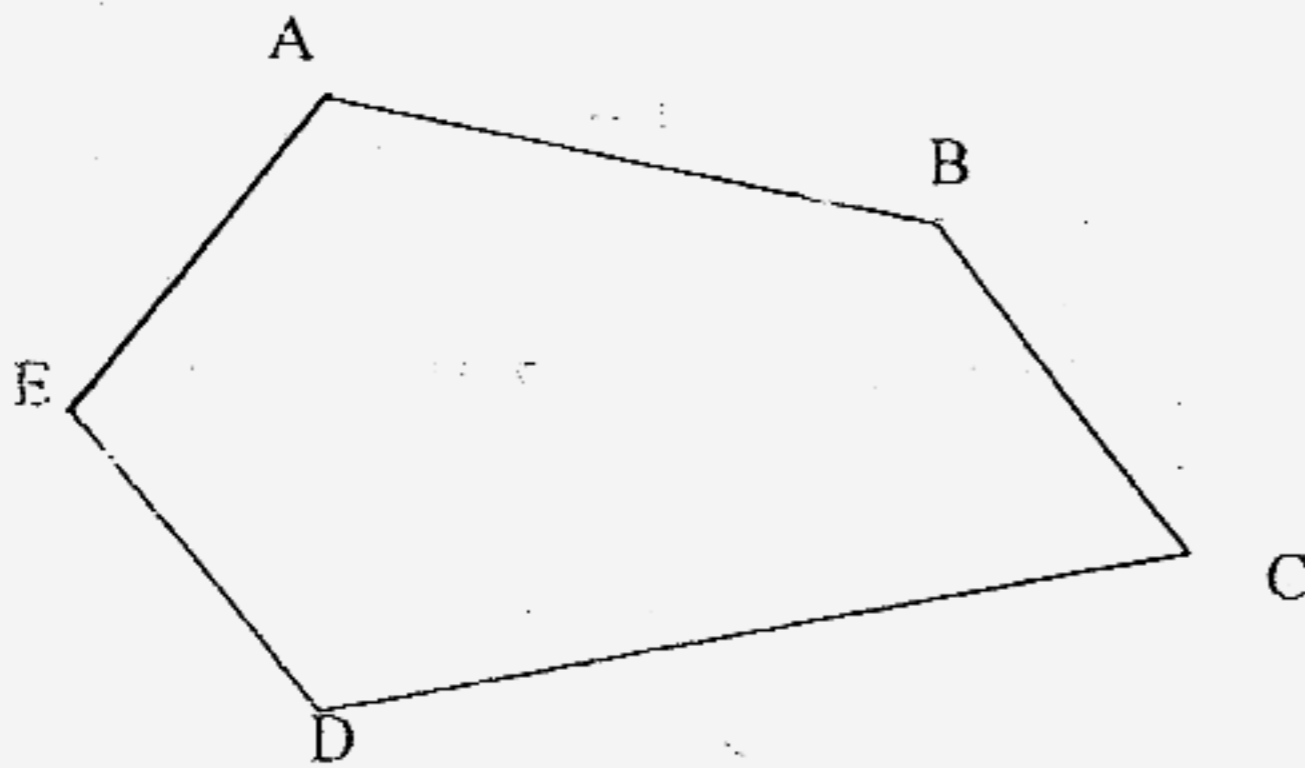
- 23) Bala's mass is 48 kg. He is twice as heavy as Sulin. What is their total mass?

- 24) Lily wants to shade the figure below to show the answer for the difference between  $\frac{1}{4}$  and  $\frac{1}{12}$ . How many rectangles should he shade?



rectangles

- 25) Name the pair of parallel lines in the figure below.



\_\_\_\_\_ and \_\_\_\_\_

- 26) How many times does the digit 8 appear in the numbers from 1 to 80?

\_\_\_\_\_

- 27) A delivery man loaded 780 eggs onto his truck. During the delivery, 200 eggs got broken. He delivered the remaining eggs equally to 5 bakeries. How many eggs did each bakery get?

- 28) A packet of biscuits cost \$ 1.20. Mary bought 2 packets of biscuits. She gave the shopkeeper \$ 5.00. How much change did she receive?

- 29) Sam took 2h 20min to paint his room. He started at 8.45 a.m. He finished painting his room at \_\_\_\_\_ a.m.

- 30) A rope is 6 m long. Siti cuts the rope into 2 pieces. The shorter piece is 250 cm long. What is the length of the longer piece?

cm

- 31) Ali pours some orange juice from a jug into 2 identical glasses. Each glass contains 300 ml of orange juice. There is 500 ml of orange juice left in the jug. What is the capacity of the jug?

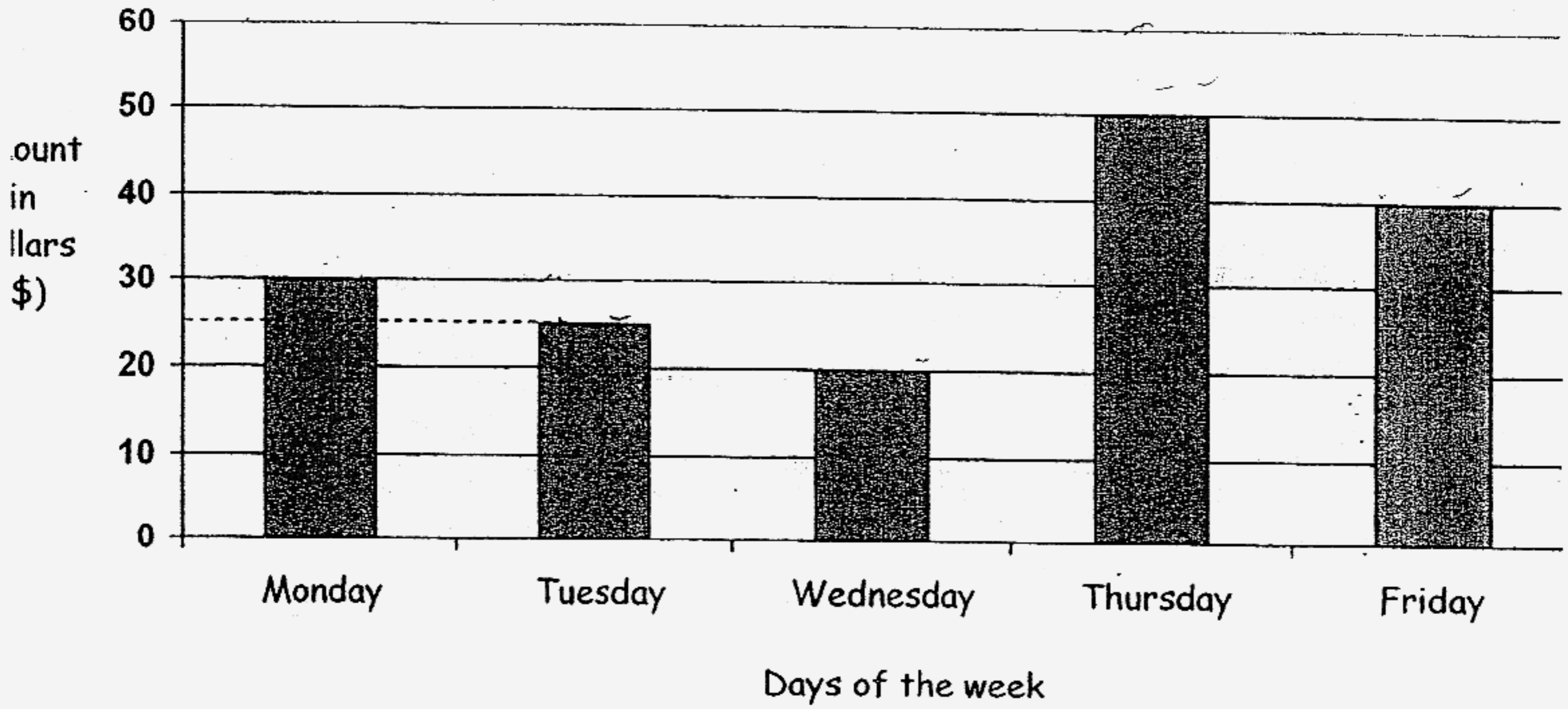
ml

- 32) Arrange the fractions in order, beginning with the smallest.

$$\frac{2}{3} \quad \frac{7}{12} \quad \frac{5}{6}$$

The graph below shows the amount of money earned by Mrs Brown last week. Use the graph to answer question 33 and 34.

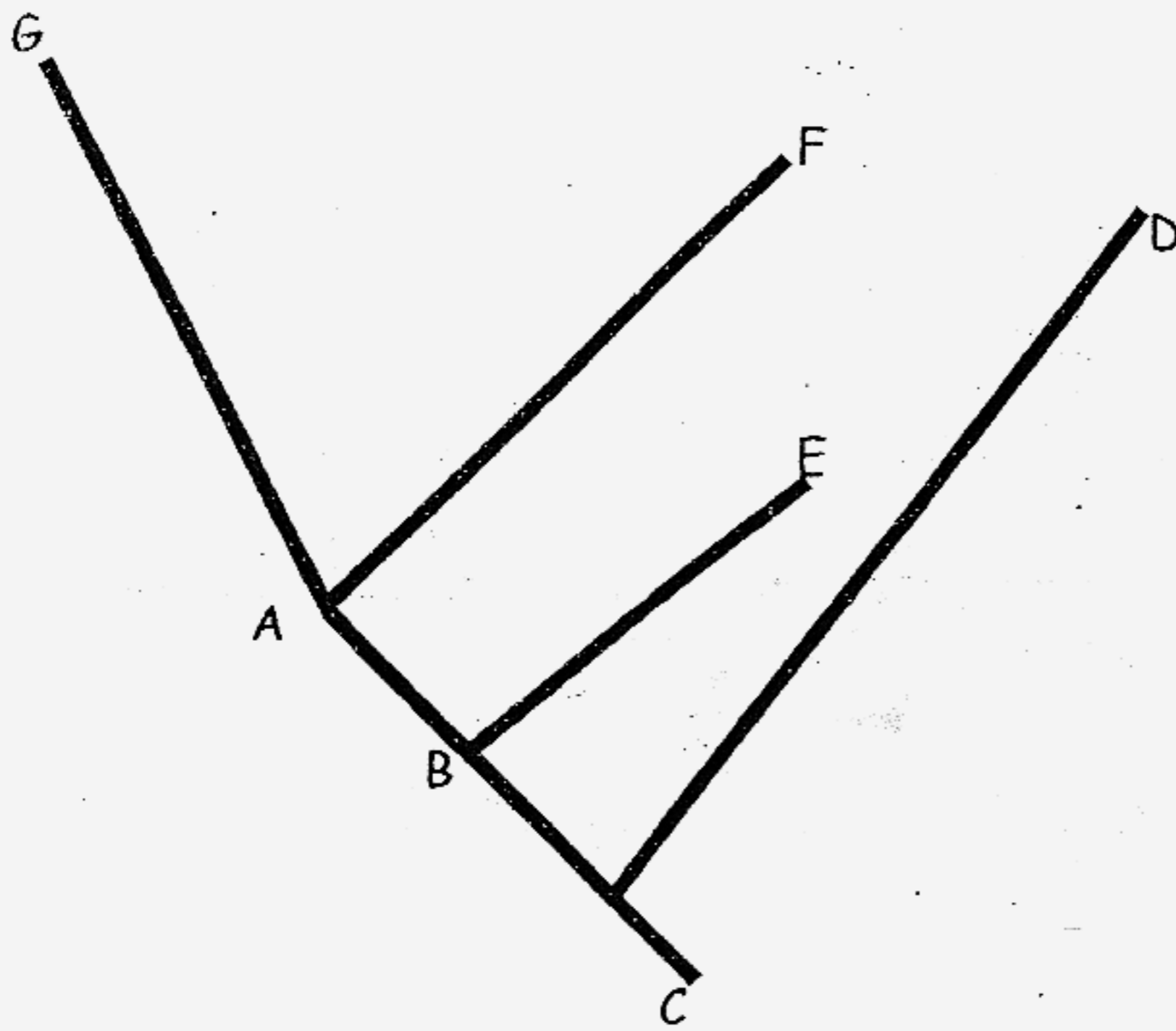
Mrs Brown's earnings



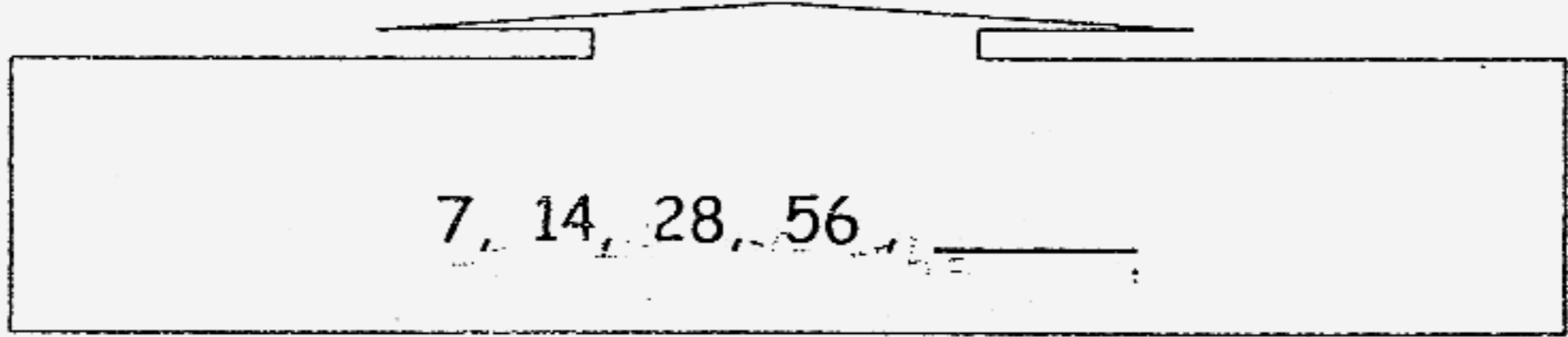
33) How much more did she earn on Thursday than on Wednesday?

34) On which day did she earn twice as much money as Wednesday?

35) Which line is perpendicular to line AF?



36) What is the missing number in the number pattern below?



- 37) Koko earns \$50 an hour for a storytelling session at a library. The time table below shows the amount of time she spends conducting the storytelling sessions in a week.

Mon	1 h
Tue	30 min
Wed	1 h 30 min
Thu	1 h

How much does she earn from conducting the storytelling sessions in a week?

\$

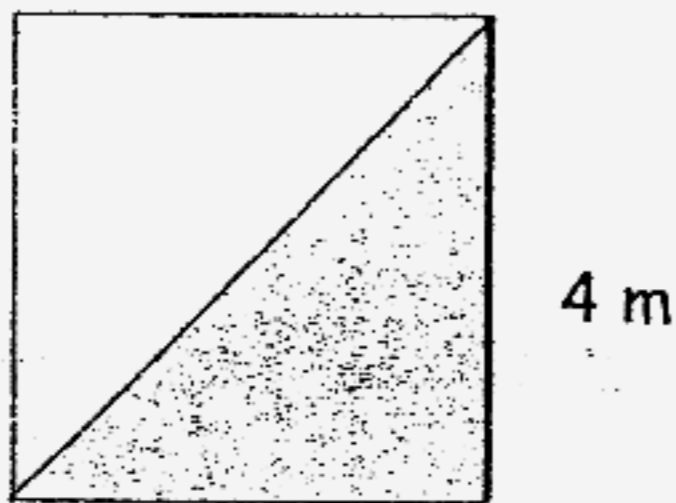
- 38) Rope A is 31 cm shorter than Rope B. Rope C is 24 cm longer than Rope B. Find the difference in length between Rope A and Rope C.

cm

- 39) Jane is half as old as Tom. Tom is half as old as Dick. Their ages add up to 112 years old. How old is Dick?

\_\_\_\_\_ years

- 40) The length of 1 side of a square room is 4 m. Mr. Li covered the floor of the room with carpet as shown in the shaded portion of the figure below. What area of the floor was covered with carpet?



\_\_\_\_\_ m<sup>2</sup>

**Section C: (4 marks each)**

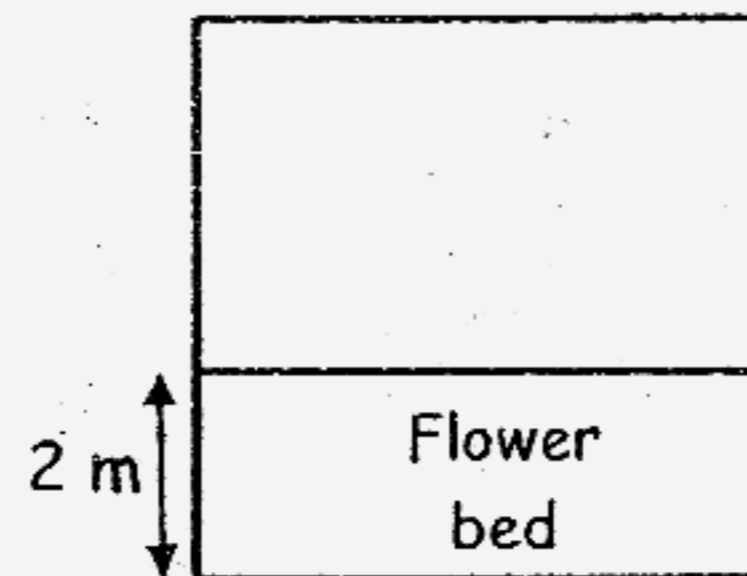
**Do these problem sums. Show your working clearly in the space provided.**

41) Jane has 20 marbles less than Mary. Lucy has the same number of marbles as Jane. If they have 290 marbles in all, how many marbles does Mary have?


42) Amos bought a packet of marbles. He gave half of the packet of marbles to his cousin and gave Tim and Sam 4 marbles each. He found that he had 6 marbles left. How many marbles did Amos buy?

- 43) Sam bought a shirt and a wallet for a total cost of \$72. The wallet cost thrice as much as the shirt. What is the cost of the wallet?

- 44) The area of a square plot of land is  $64 \text{ m}^2$ . If the breadth of the rectangular flower bed is 2 m, what is the perimeter of the rectangular flower bed on this plot of land?



45) The prices of two sizes of candles at a shop are shown below.

	Small candle    \$1 each
	Large candle    \$2 each

Jack bought 4 more small candles than large candles. He spent \$28 altogether. How many small candles did he buy?

**Henry Park Primary School  
Primary 3 SA2 Maths Exam (2007)**

***Answer Keys***

- |       |       |       |       |       |
|-------|-------|-------|-------|-------|
| 1) 2  | 2) 3  | 3) 2  | 4) 4  | 5) 2  |
| 6) 4  | 7) 4  | 8) 3  | 9) 3  | 10) 2 |
| 11) 4 | 12) 3 | 13) 4 | 14) 1 | 15) 2 |
| 16) 2 | 17) 3 | 18) 3 | 19) 4 | 20) 4 |

- |                     |  |
|---------------------|--|
| 21. X               | 22. \$11.50                                  |
| 23. 72kg            | 24. 2  |
| 25. ED and BC       | 26. 9  |
| 27. 116 eggs        | 28. \$2.60                                   |
| 29. 11.05am         | 30. 350cm                                    |
| 31. 1100ml          | 32. $\frac{7}{12}, \frac{2}{3}, \frac{5}{6}$ |
| 33. \$30            | 34. Friday                                   |
| 35. AB              | 36. 112                                      |
| 37. \$200           | 38. 5cm                                      |
| 39. 64              | 40. 8m <sup>2</sup>                          |
| 41. 110 marbles     | 42. 28 marbles                               |
| 43. \$54            | 44. 20m                                      |
| 45. 12small candles |  |