新加坡福建会馆属下五校小四统一考试

道南　爱同　崇福　南侨　光华

SINGAPORE HOKKIEN HUAY KUAN 5-SCHOOL PRIMARY 4
COMBINED END-OF-YEAR EXAMINATION

TAO NAN　AI TONG　CHONGFU　NAN CHIAU　KONG HWA
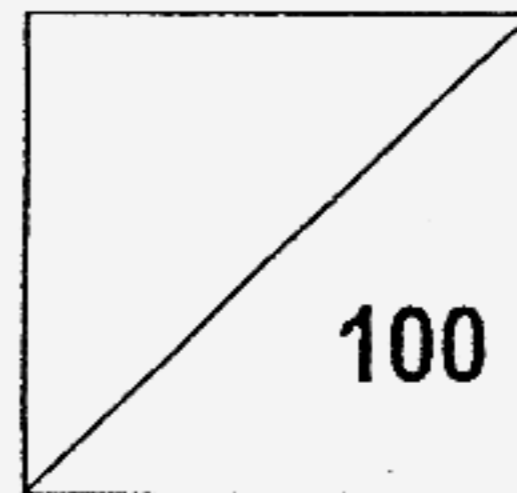
2006

数学 MATHEMATICS

NAME:_____ (   )

CLASS: PRIMARY (   )

DATE: 27 OCTOBER 2006

DURATION: 1H 45 MIN

100

Section A	15 Multiple Choice Questions	20 marks
Section B	20 Short-Answer Questions	40 marks
Section C	10 Word Problems	40 marks

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

Section A

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 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). Shade the oval (1, 2, 3 or 4) on the Optical
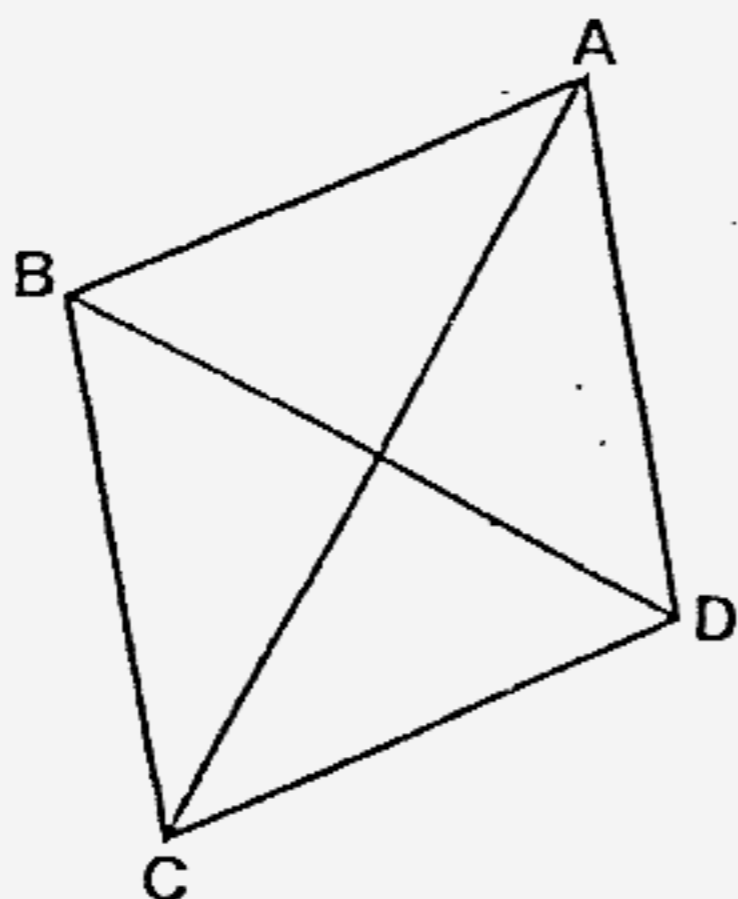Answer Sheet (OAS). **(20 marks)**

1. The value of 3 ten thousands and 5 hundreds is _____ .

   (1) 350

   (2) 3500

   (3) 30 050

   (4) 30 500

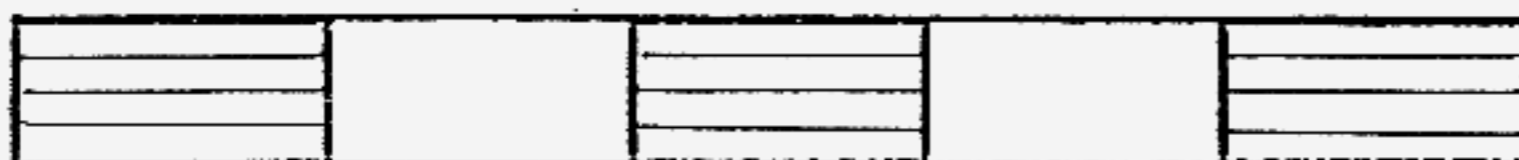2. In a $\frac{1}{2}$ - turn, the minute hand of a clock moves through _____ .

   (1) 180°

   (2) 135°

   (3) 90°

   (4) 45°

1

3. The figure shows a rhombus. Which two lines are perpendicular to each other?

    (1)   AB and BC
    (2)   AB and CD
    (3)   AC and AD
    (4)   AC and BD

4. What fraction of the figure is shaded?

    (1) $\dfrac{2}{3}$

    (2) $\dfrac{3}{5}$
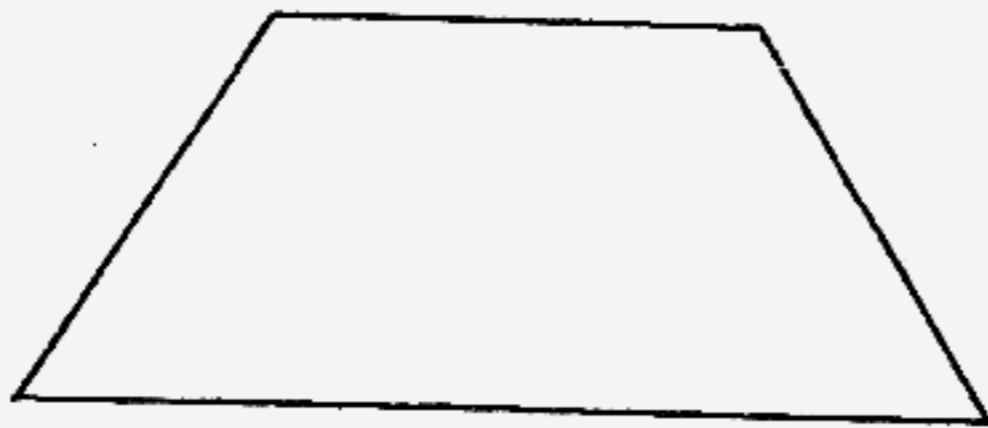
    (3) $\dfrac{1}{2}$

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

www.misskoh.com

5. Write $\dfrac{125}{10}$ as a decimal.

    (1)   125.0

    (2)   12.5

    (3)   1.25

    (4)   0.125

6. 1 km 6 m = _____ m

    (1)   106

    (2)   160

    (3)   1006

    (4)   1060

7.

The figure shows a trapezium. Which of the following statements describes it?

    (1)   All sides of a trapezium are equal.

    (2)   The opposite sides of a trapezium are equal.

    (3)   The opposite sides of a trapezium are parallel.

    (4)   Only one pair of opposite sides of a trapezium is parallel.
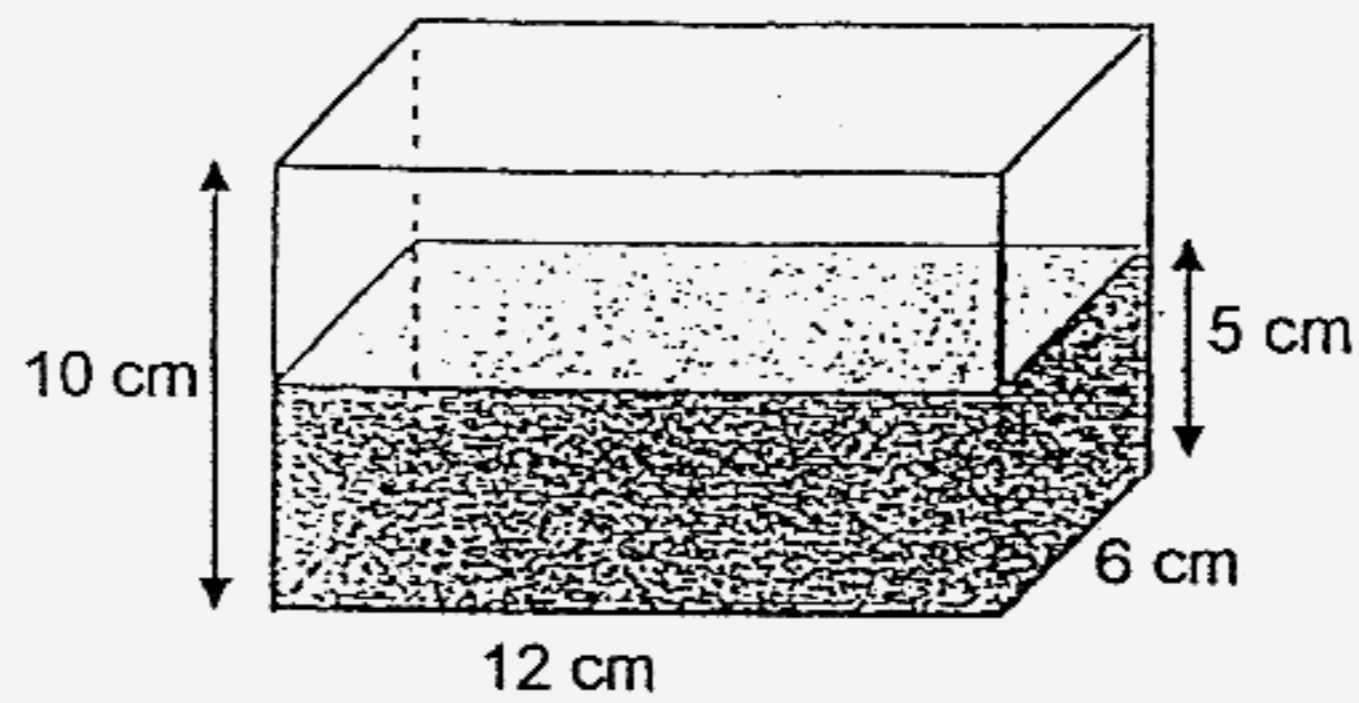
8. The perimeter of a square is 64 cm. Find its length.

    (1)   60 cm

    (2)   32 cm

    (3)   16 cm

    (4)   8 cm

9. The solid is made up of unit cubes. It is placed against the walls. How many unit cubes are used to build it?

    (1)   14

    (2)   13

    (3)   12

    (4)   11

4
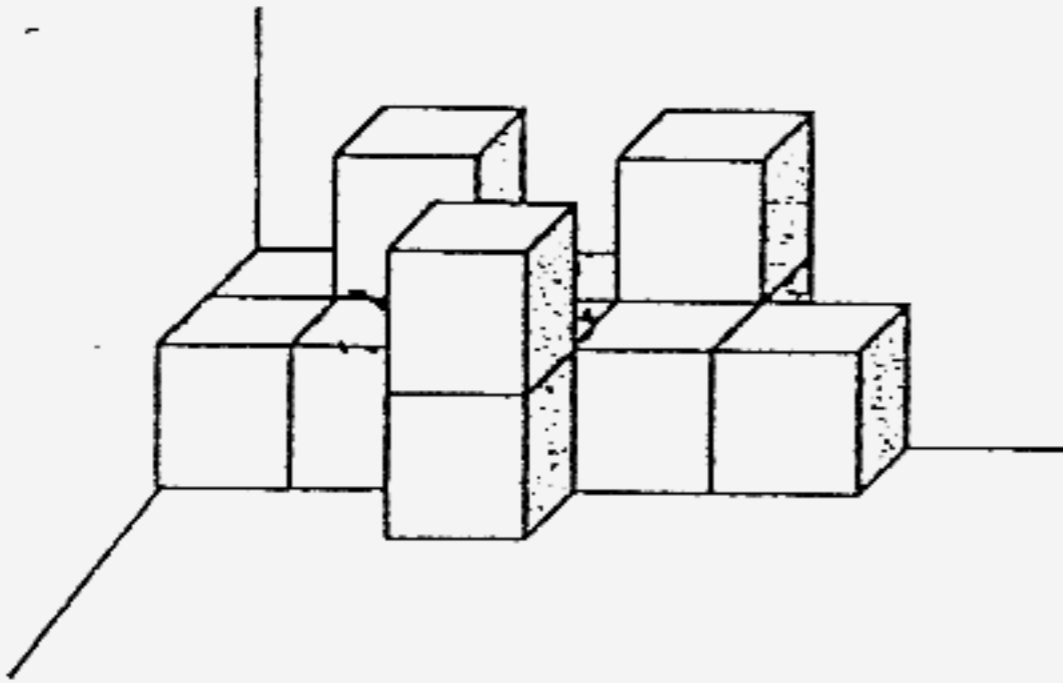
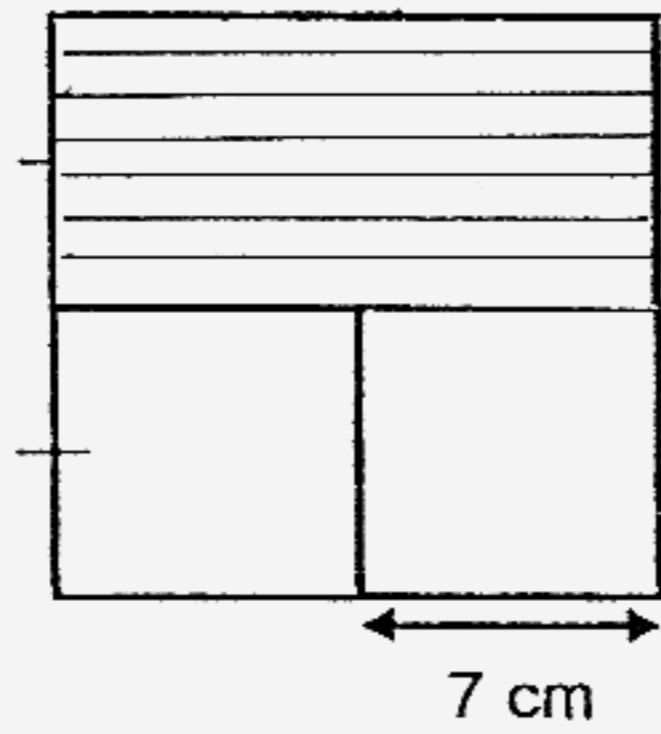10. A rectangular tank is filled with water as shown. What is the volume of water in the tank?

    (1)   23 cm³

    (2)   28 cm³

    (3)   360 cm³

    (4)   720 cm³

11. Find the product of 180 and 14.
Round off your answer to the nearest hundred.

    (1)   2000

    (2)   2500

    (3)   2520

    (4)   2600

12. 24 tenths – 2 hundredths = _____.

    (1)   0.4

    (2)   2.38

    (3)   22

    (4)   23.98

13. The figure is made up of 2 identical squares and a rectangle.
The shaded area is _____ cm².

7 cm

    (1)   21

    (2)   42

    (3)   49

    (4)   98

14. There are 12 roses in a vase.
4 of them are red.
What fraction of the roses is **not** red?

(1) $\dfrac{2}{3}$

(2) $\dfrac{1}{3}$

(3) $\dfrac{3}{4}$

(4) $\dfrac{1}{2}$

15. Fatimah bought 10 kg 250 g of meat from the market.
She packed them equally into 5 containers.
What was the mass of meat in each container?

(1) 250 g
(2) 2050 g
(3) 2500 g
(4) 20 500 g

Section B (20 x 2marks = 40 marks)

Questions 16 to 35 carry 2 marks each.

For each question, show your working clearly and write your answer in the box provided. Give your answer in the unit stated.

16. $6486 \div 6 =$ _____ .

Ans:

17.   Devi had thrice as many pencils as erasers.
        After giving away 43 pencils, she had twice as many pencils as erasers left. How many pencils and erasers did she have altogether at first?

Ans:

18.   Measure and write down the size of $\angle x$.

Ans: [   ]°

6
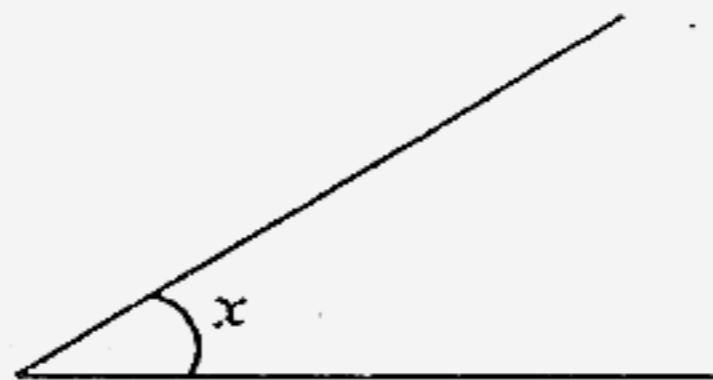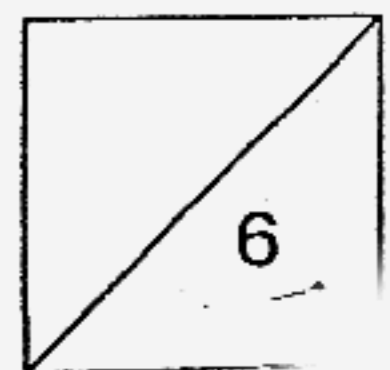
The graph shows the number of books sold in 4 shops in a day.
A total of 200 books were sold.
Study the graph carefully and answer Questions 19 and 20.
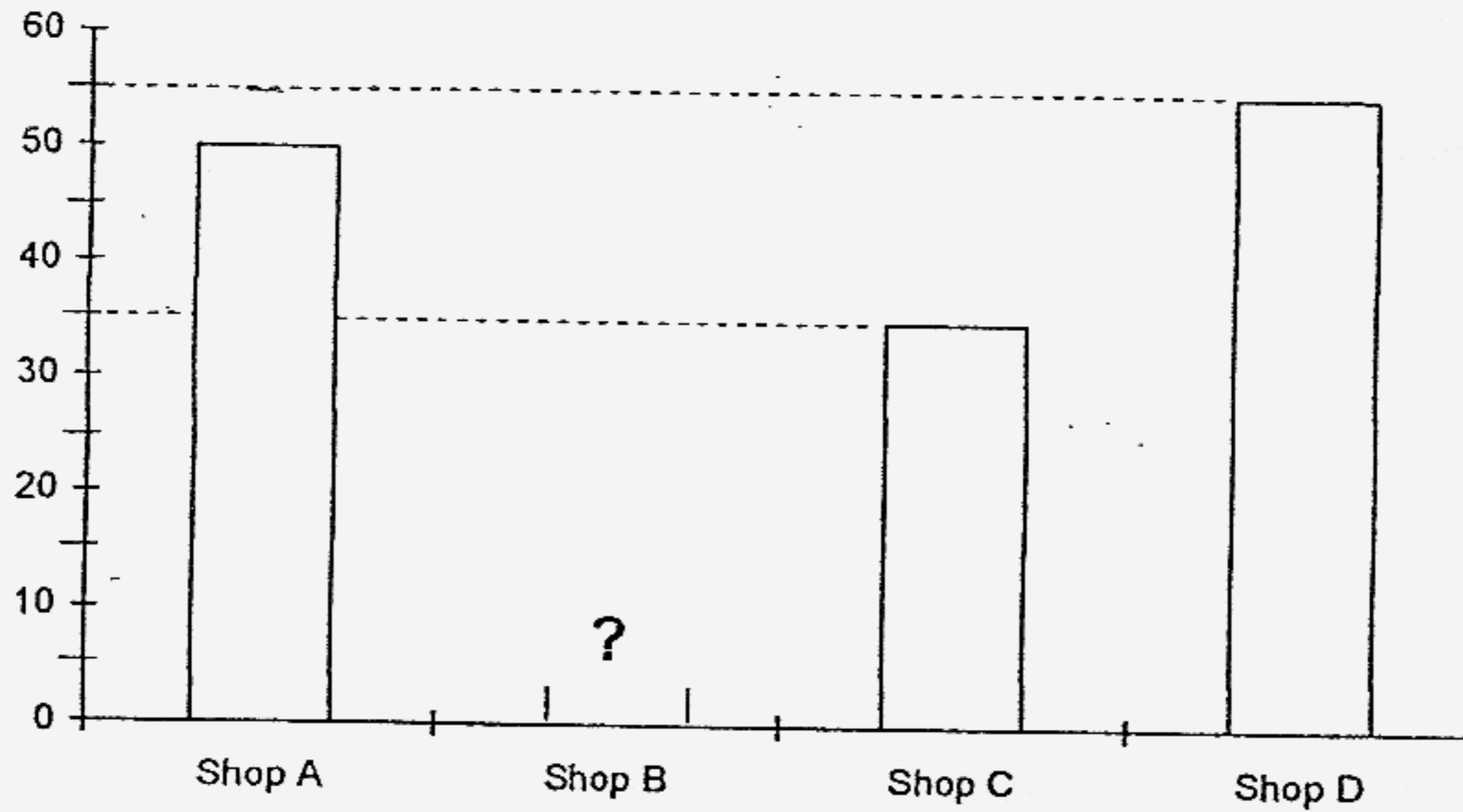
19. How many books were sold in Shop B?

Ans:

20. In which shop was $\frac{1}{4}$ of the total number of books sold?

Ans:

4
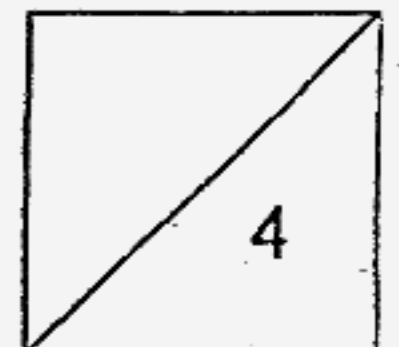
21. How many pair(s) of parallel lines does the figure have?
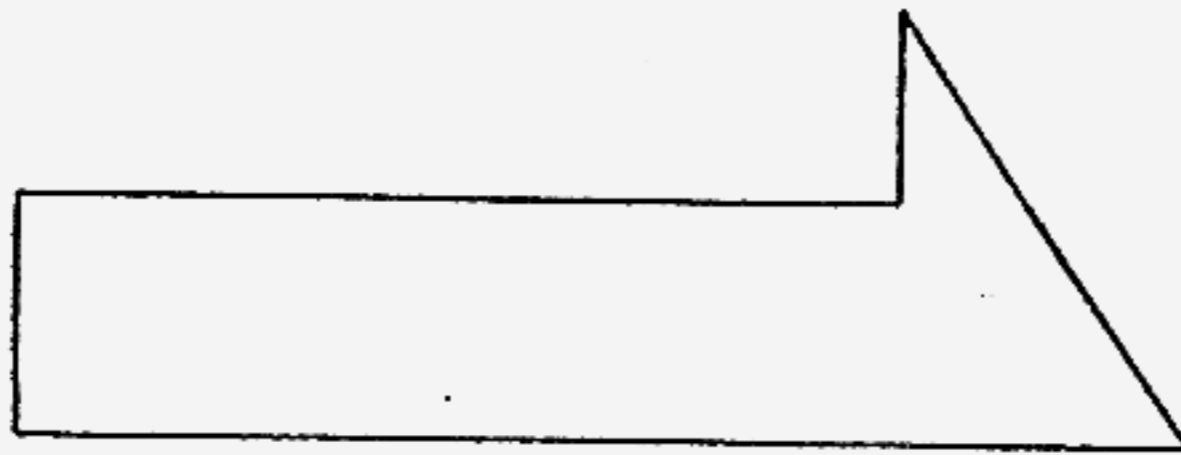
Ans: [ ]

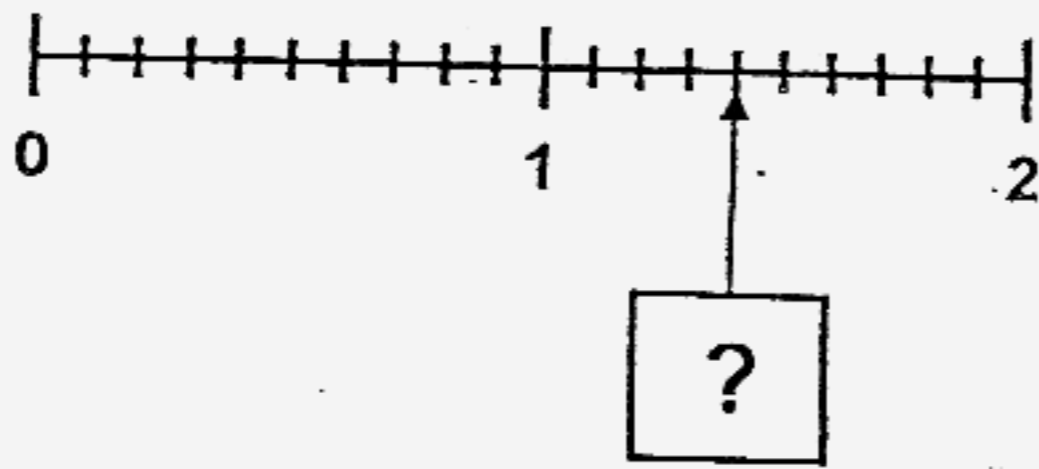22. Write $\dfrac{19}{6}$ as a mixed number.

Ans: [ ]

23. Ali read $\dfrac{1}{2}$ of a book on Monday, $\dfrac{1}{3}$ of it on Tuesday and the rest on Wednesday. What fraction of the book did he read on Wednesday?

Ans: [ ]

6
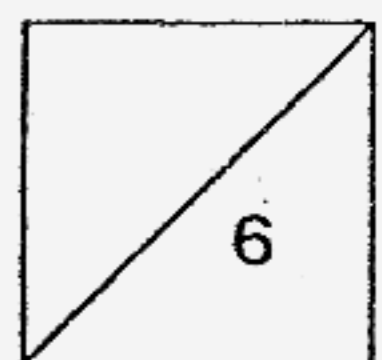
24. Study the number line carefully. What is the missing decimal in the box?

0   1   .2

?

Ans: [ ]

25. $6\dfrac{23}{100} = 6 +$ [ ] $+ 0.03$

What is the missing decimal in the box?

Ans: [ ]

26. Which of the following is an equilateral triangle?

3.5 cm   A   3.5 cm

3.5 cm

4 cm   B   4 cm

4.5 cm

3 cm   4 cm   C   6 cm

Ans: [ ]

6

11
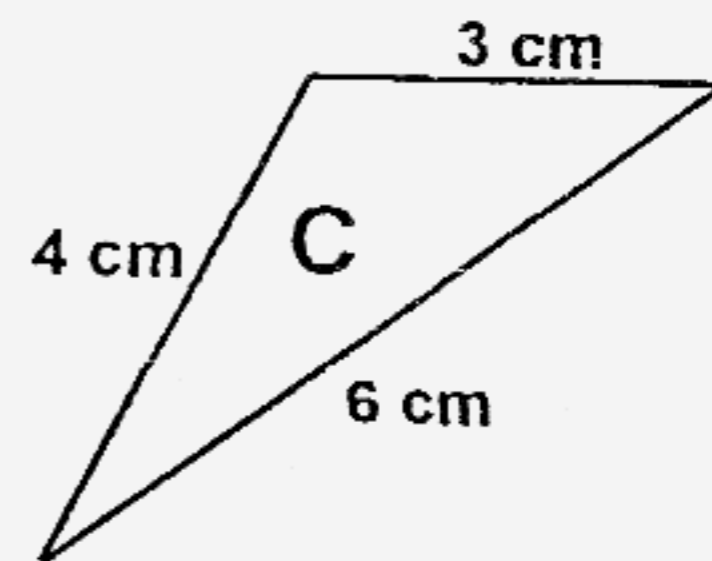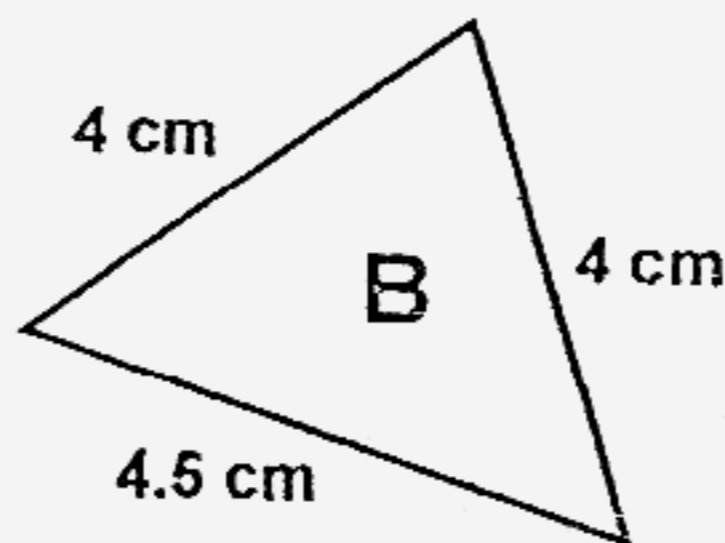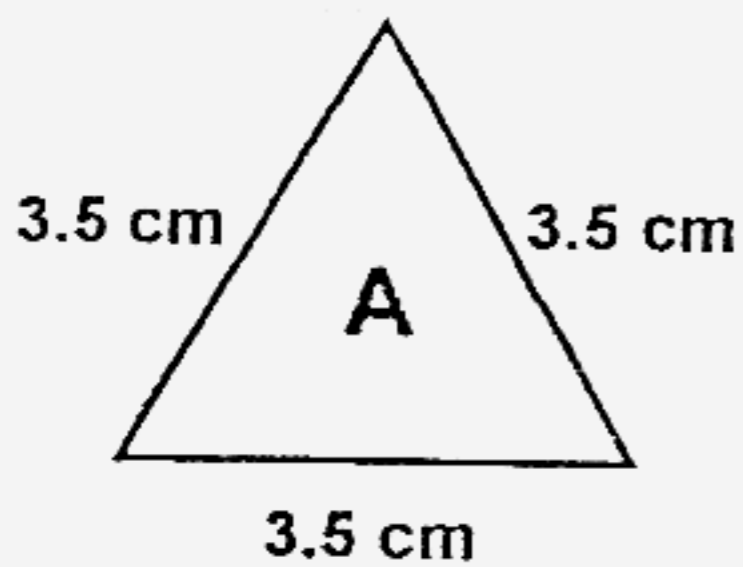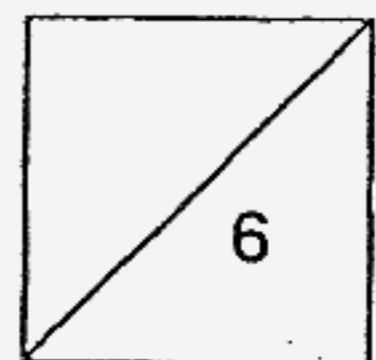
27. The figure shows a rectangle. Find ∠m.
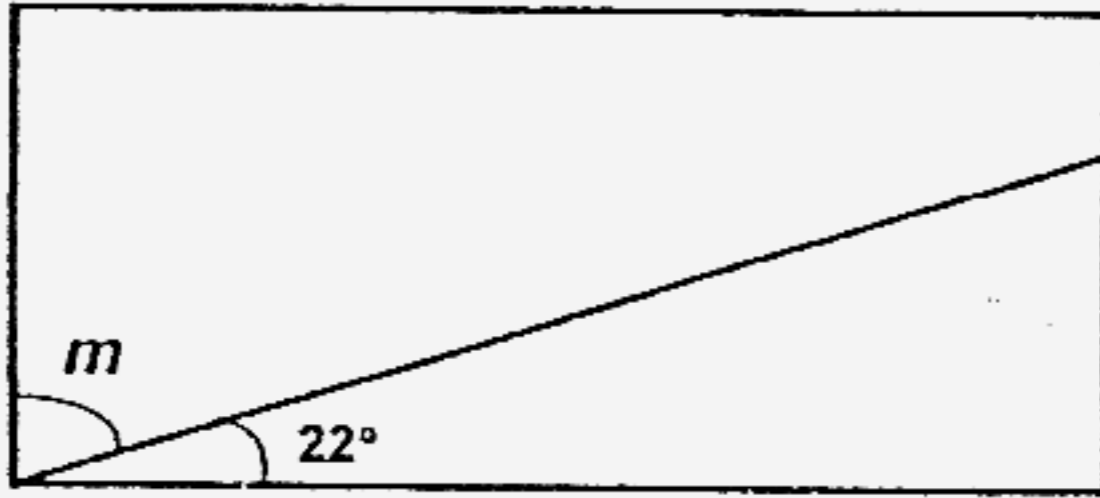
Ans: [_____] °
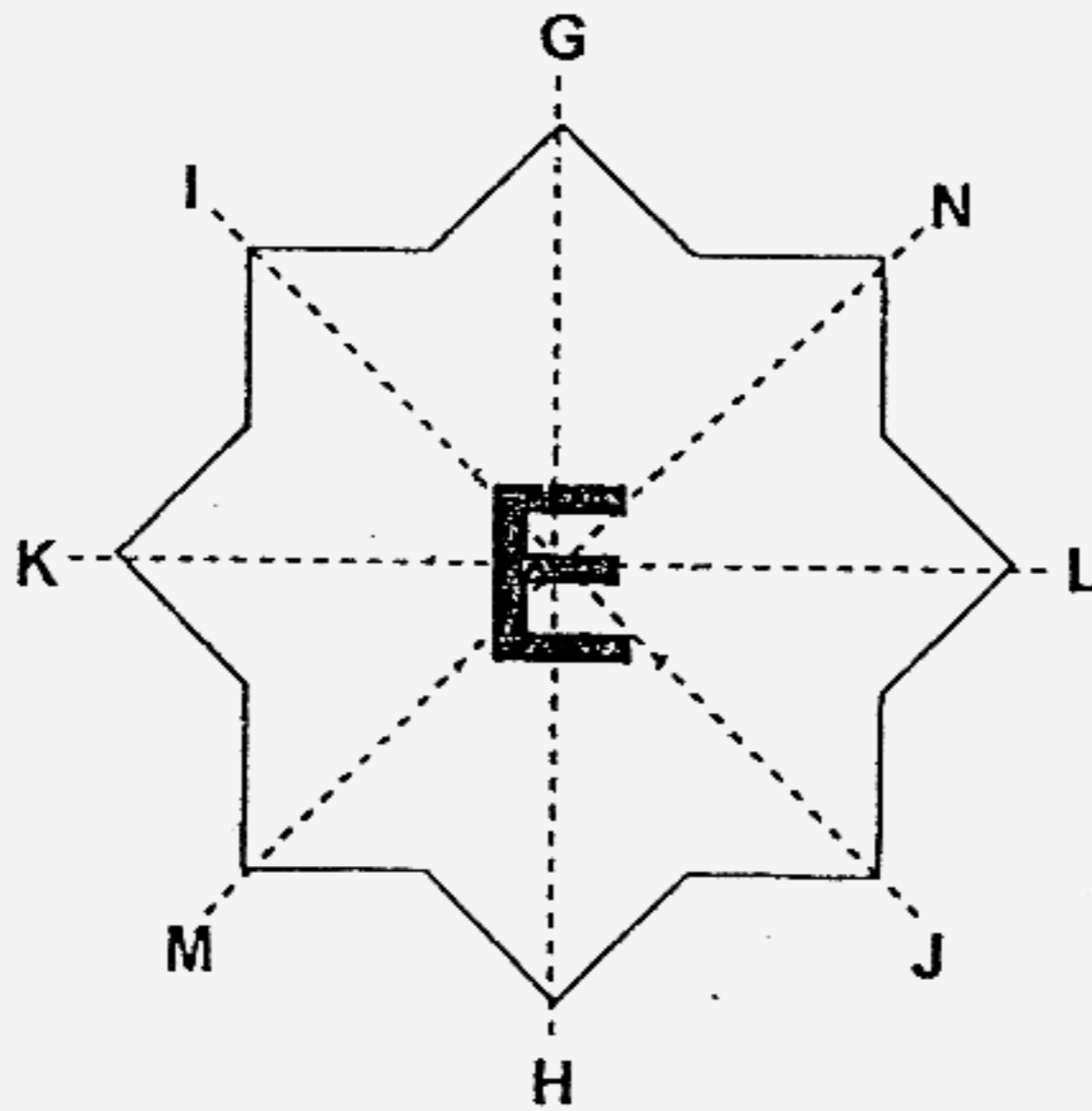
28. Find the perimeter of the figure.

Ans: [_____] m

4
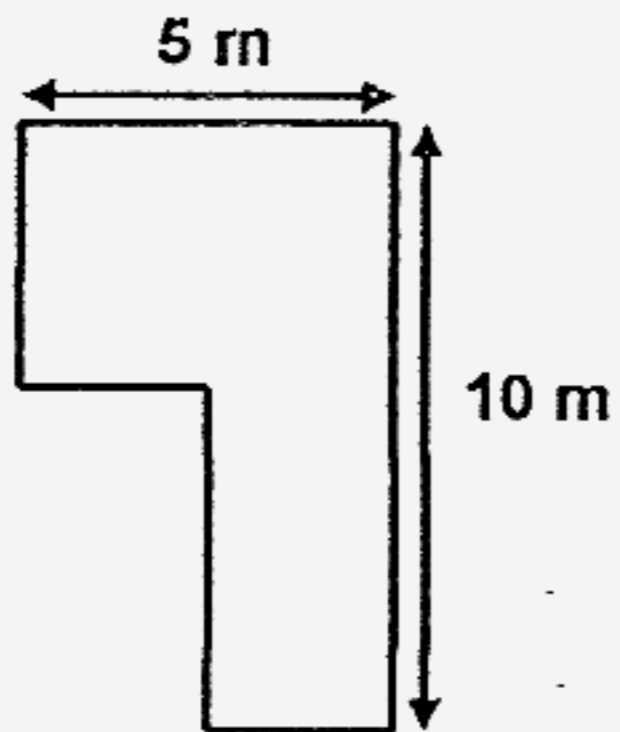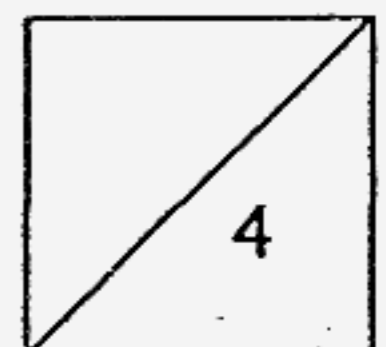
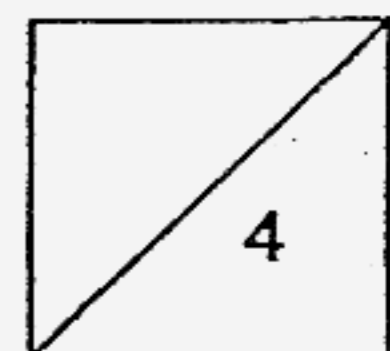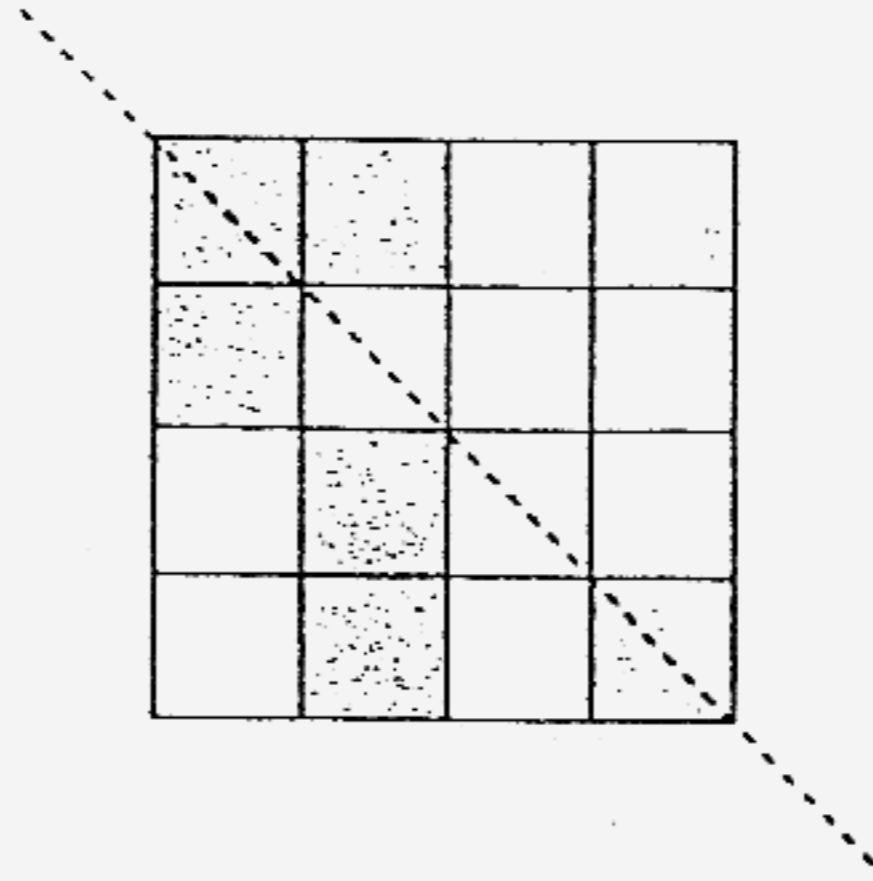29. A rectangle of area 24 cm² is cut out from a piece of square paper. Find the remaining area.

14 cm
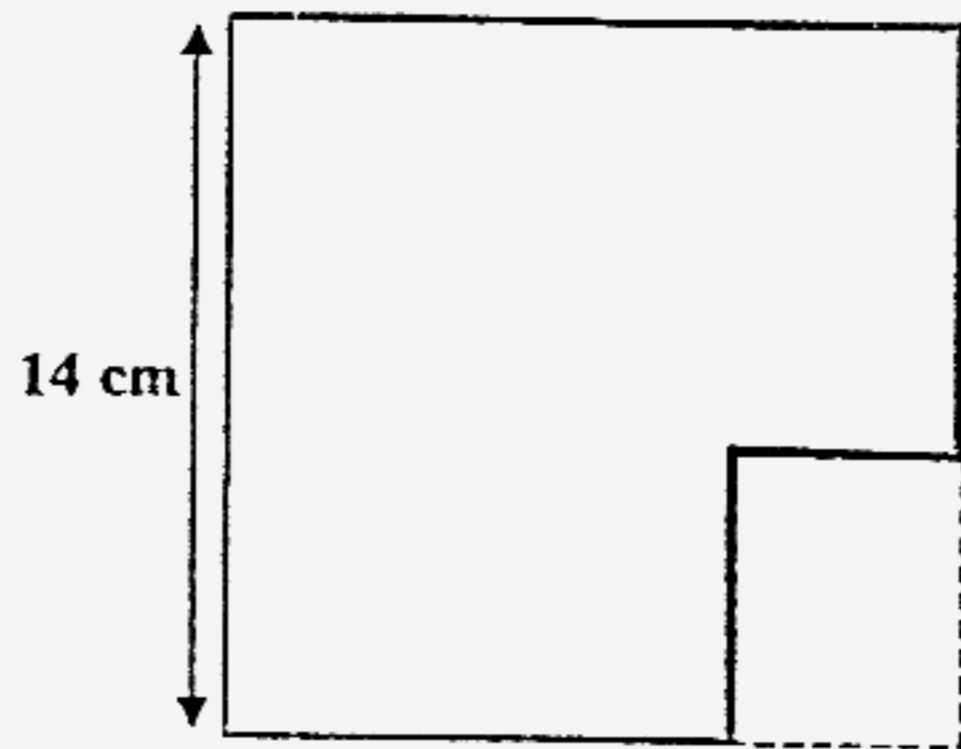
Ans: [cm²   ]

30. Name the line of symmetry of the figure.

G

I   N
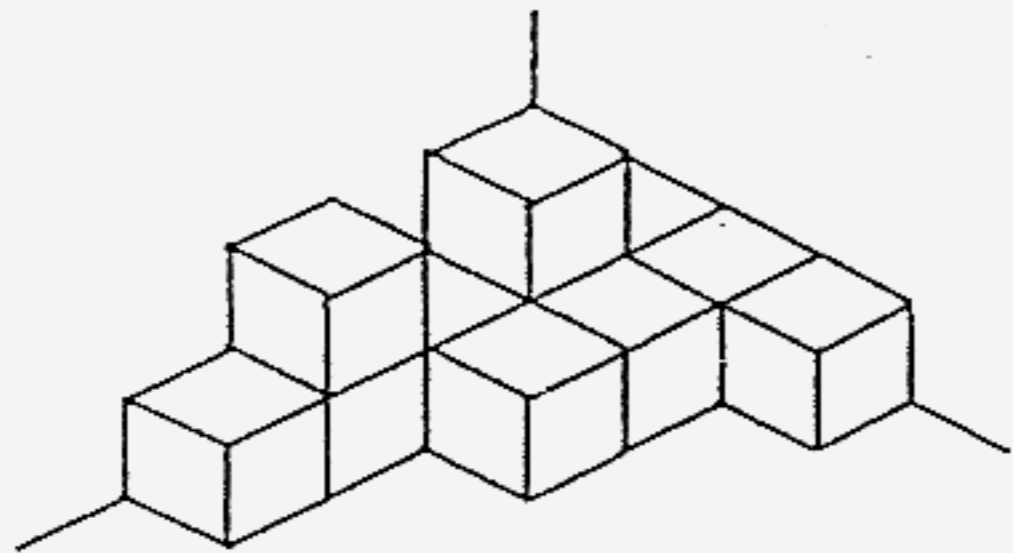
K ---------------- L
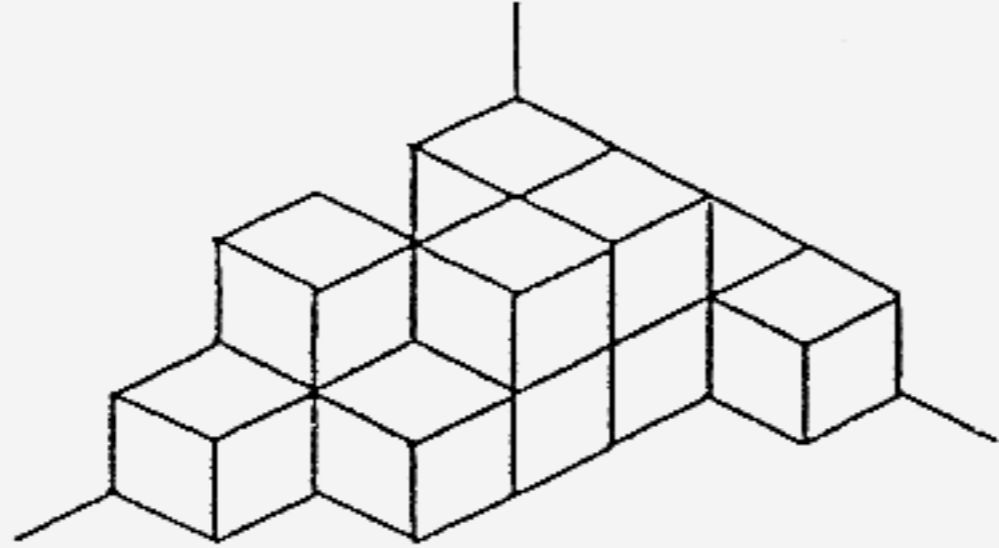
M   J

H

Ans: [   ]

4

31. Shade two squares in the figure to make it symmetric.

32. These solids are made up of unit cubes, stacked against the walls. Some unit cubes are **added** to Solid A to form Solid B. How many unit cubes are added to Solid A?
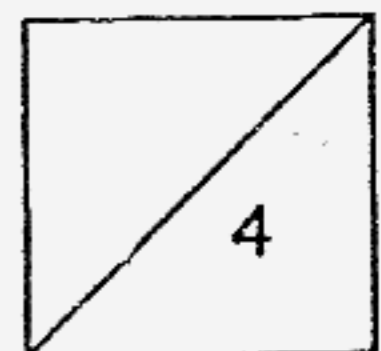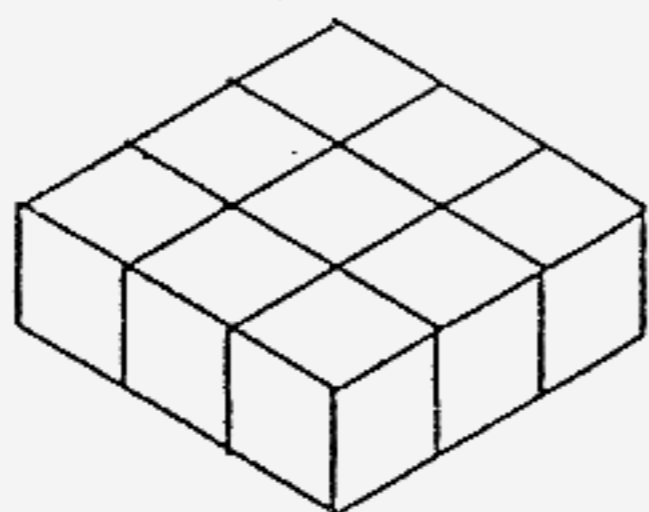

Solid A

Solid B

Ans:
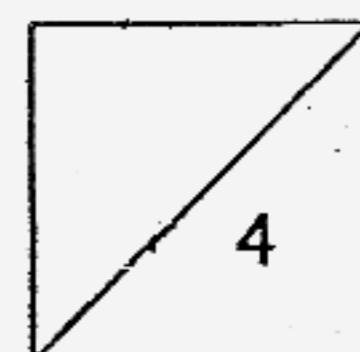
33. A rectangular tank measures 12 cm by 7 cm by 9 cm. How many millilitres of water are there in the tank when it is $\frac{2}{3}$ full?

Ans: _____ mℓ

34. The solid is made up of nine 2-cm cubes. What is the volume of the solid?

Ans: _____ cm³

4

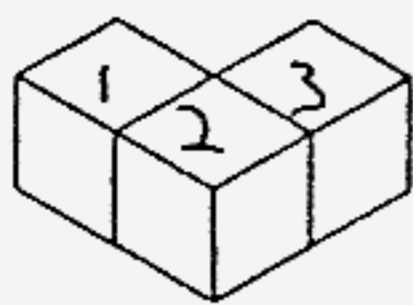35. The figures are made up of identical unit cubes. Given that there are no hidden cubes in all the figures, how many unit cubes are there in Figure 12?
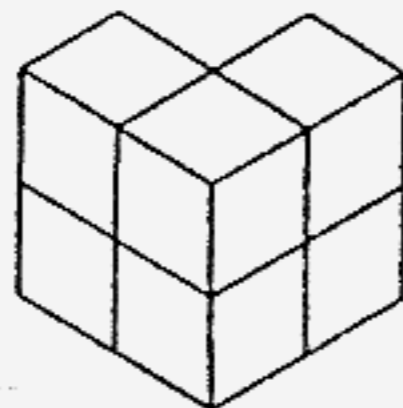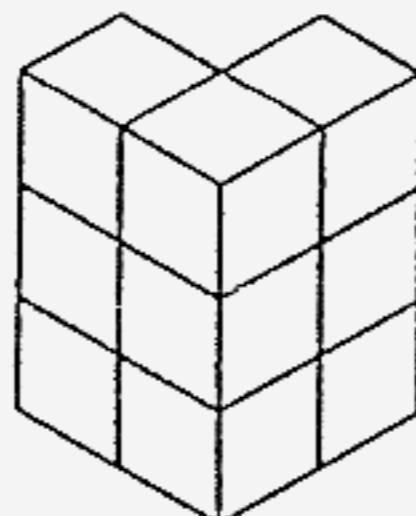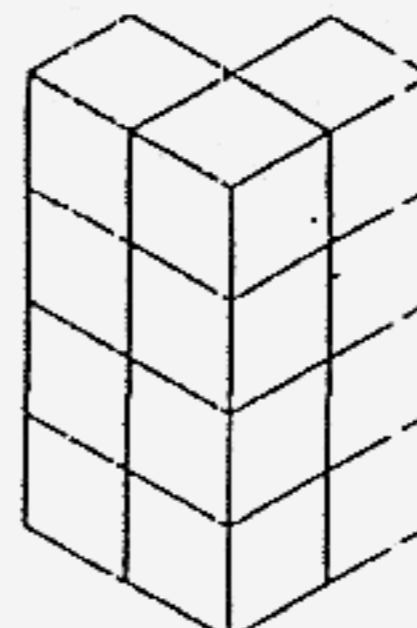

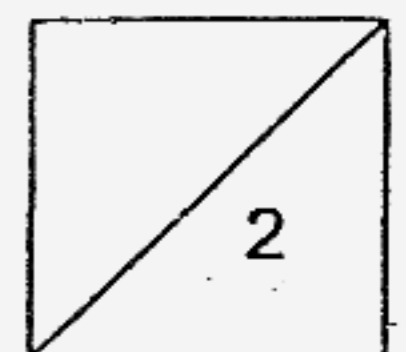Figure 1   Figure 2   Figure 3   Figure 4   Figure 12

Ans:

www.misskoh.com

Section C

Show your working clearly in the space provided for each question and write your answers in the spaces provided. **(40 marks)**

---

36. Mr Lee hired mini buses to take 80 workers to a factory.
    Each mini bus could seat 9 passengers.
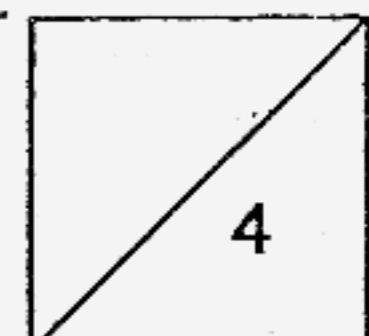   How many mini buses did Mr Lee hire?

37. Ann, Ben and Candy have 1500 stickers altogether.
    Ann has 200 stickers more than what Ben and Candy have.
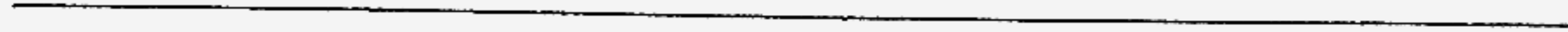   How many stickers does Ann have?

8
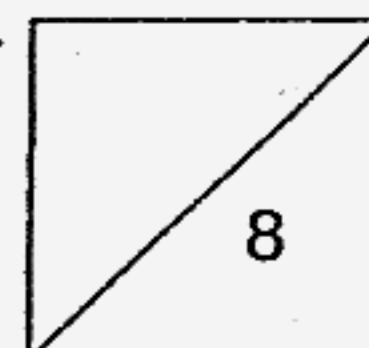
38. The cost of 1 table and 2 chairs is $51.
The cost of 1 table and 4 chairs is $67.
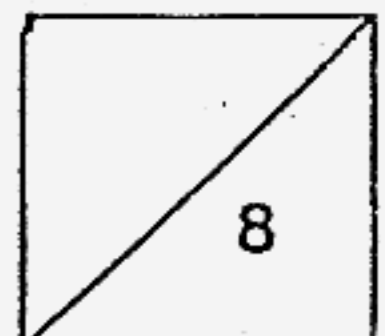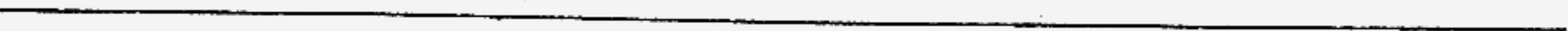
(a) Find the cost of 2 chairs.

(b) Find the cost of 1 table.

4

39.   When a number is divided by 2, the quotient is 1.8.
       What is the answer when the number is multiplied by 2?

---

40.   Jane mixed 150 mℓ of syrup with 2 ℓ 500 mℓ of water to make orange juice.
       She poured all the juice equally into 10 glasses.
   What was the volume of orange juice in each glass?

8

41. A picture 28 cm by 16 cm is mounted on a frame as shown. Find the area of the frame that is **not** covered by the picture.


20 cm

30 cm

---
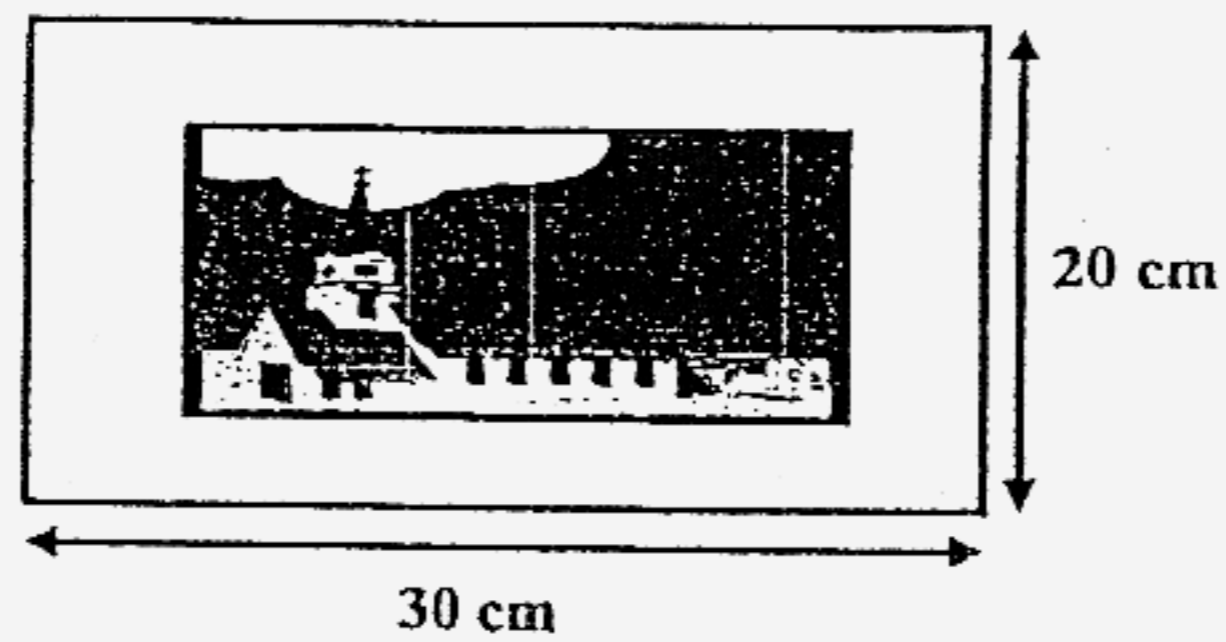
42. Joe had 70 pens.
$\frac{1}{7}$ of them were blue, $\frac{2}{7}$ of them were red and the rest were green.
How many green pens did he have?

8
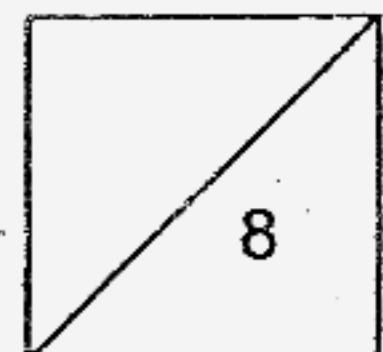
43. A piece of wire 29.7 cm long is bent to form the figure.
Find the length of AB.

A |———|——— B

11.6 cm

C

9.5 cm

D

---
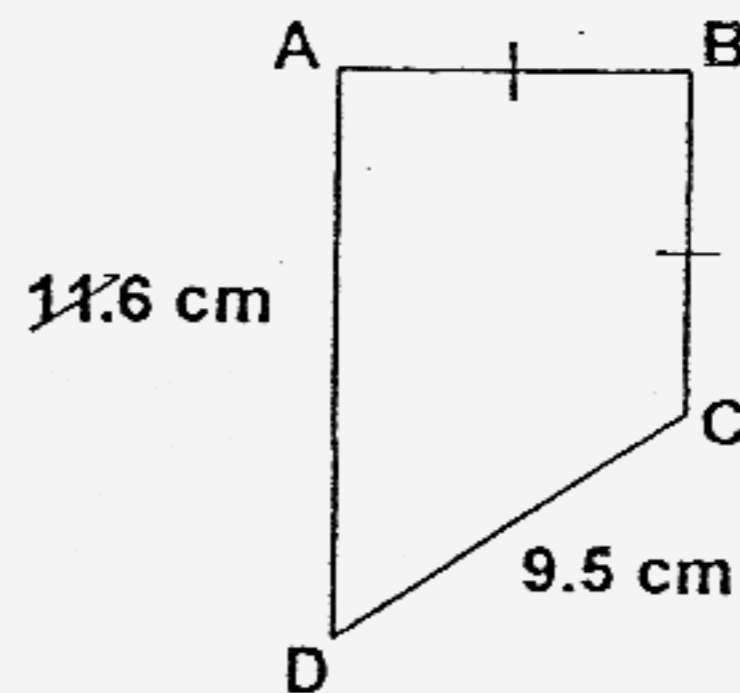
44. Siva had $580 on 30th June 2006.
He started saving the same amount of money every day from 1st July 2006 to 8th July 2006 and had a total of $700 then.
How much did he save every day from 1st July 2006 to 8th July 2006?
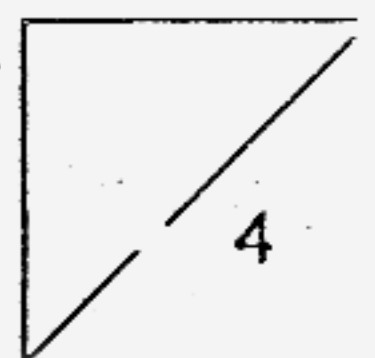
8
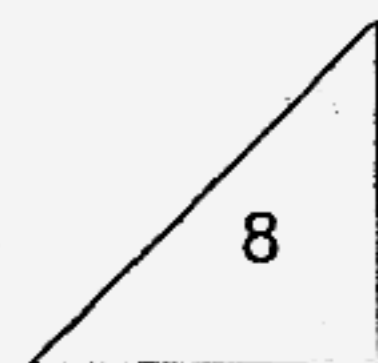
45. A big square is cut into small identical squares leaving no remainder.
    The length of each small square is less than 10 cm.
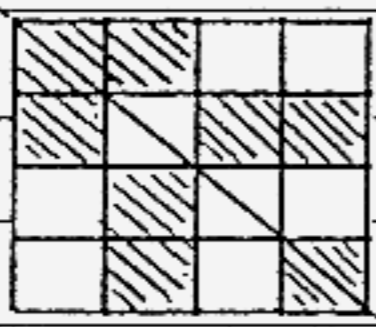   Find the **least** number of small squares.

32 cm

End of Paper

4
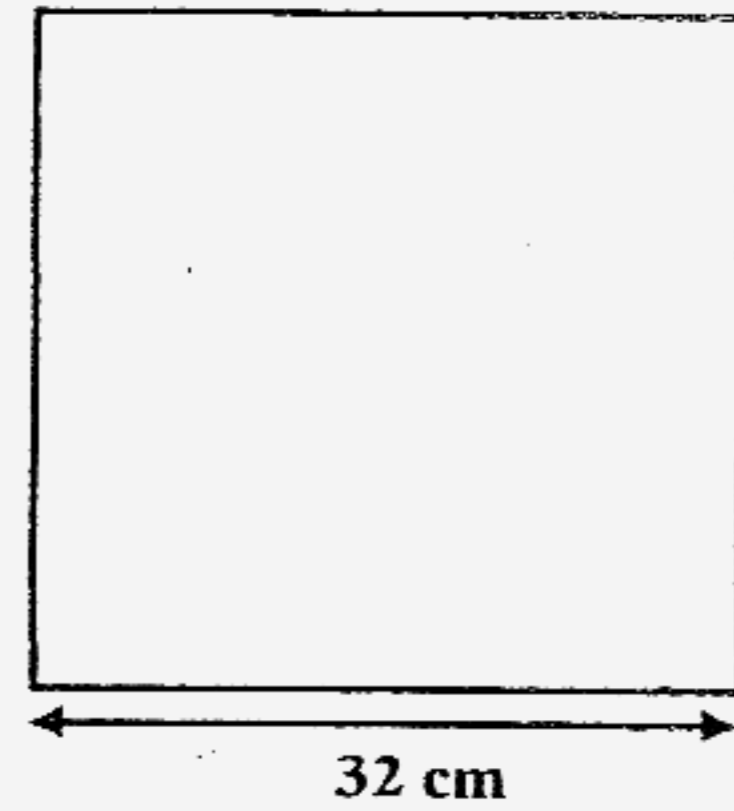
1	4	6 – 3	11 – 2	16 – 1081	21 – 2
2	1	7 – 4	12 – 2	17 – 172	22 – 3½
3	4	8 – 3	13 – 4	18 – 31	23 – ⅙
4	2	9 – 2	14 – 1	19 – 60	24 – 1.4
5	2	10 – 3	15 – 2	20 – Shop A	25 – 0.2

26	Triangle A	31 – ⁄	36 – 9
27	68	32 – 3	37 – 850
28	30	33 – 504	38 – a) 816 b) $35
29	172	34 – 72	39 – 7.2
30	Line KL	35 – 36	40 – 265 mℓ

41	152 cm²	31 –
42	40	
43	4.3 cm	
44	$15	
45	16	