A. Fill in the blanks :

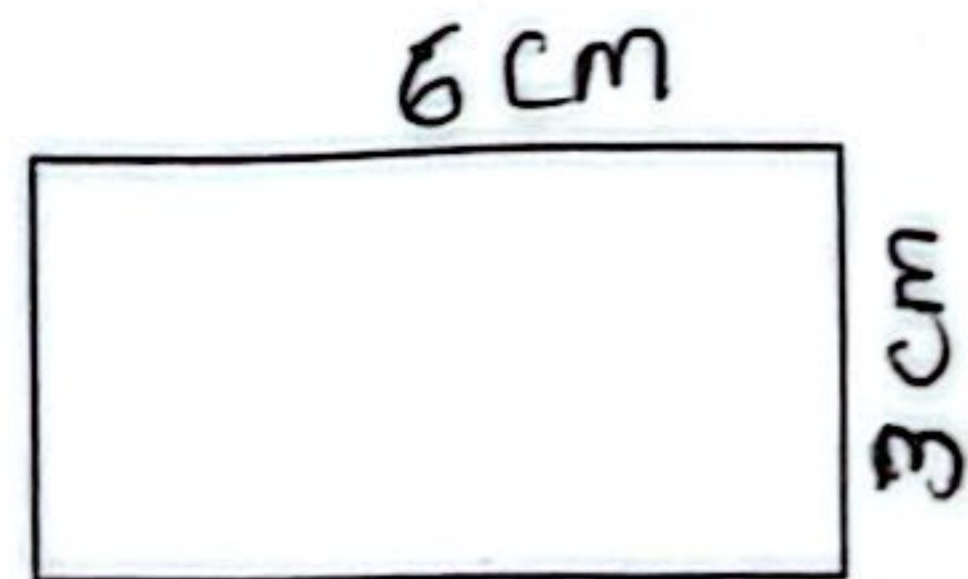1. _____ is the distance around the edge of a figure.

2. The area of a square of side 1cm is _____.

3. Volume is expressed in _____ units.

4. The formula used to find the perimeter of a rectangle is P = _____

5. A _____ is a special kind of rectangle whose length and breadth are equal.

6. Write the formula for finding area of a square : A = _____

7. The _____ of an objects is the amount of space it occupies.

8. Area is expressed in _____ units.

9. The perimeter of a square of side 3cm is _____.

10. The formula for finding volume of a cuboid : V = _____

11. Area of a square is 49 sq.cm then the side of it is _____.

B. Choose the correct option:

1. Volume is expressed in

a) square units   b) cubic units   c) units

2. Formula for finding area of a rectangle is

a) A= l x b   b) A= 2 x (l + b)   c) A = 4 x side

3. The perimeter of a square of side 1m is

a) 4 sq.m   b) 1m   c) 4m

4. Length of a rectangle is 4m , its breadth is 5m and its perimeter is

a) 20 sq.m   b) 18m   c) 18sq.m

C. Use the shortcut to find the perimeter of the following:

1. l= 12cm   b= 8cm   2. Side of a square = 9m   3.

6 cm

3 cm

D. Use the shortcut to find the Area of the following :

1. l= 6mm   b= 3cm   2.   3. Side of a square is 50m

5 cm

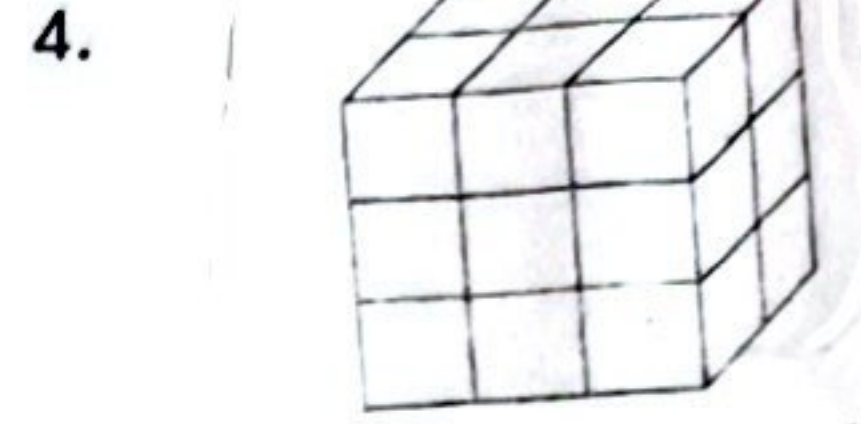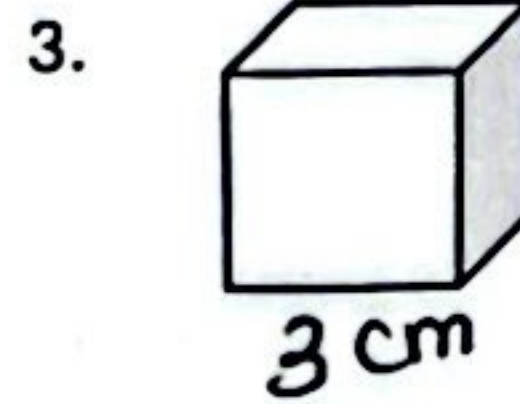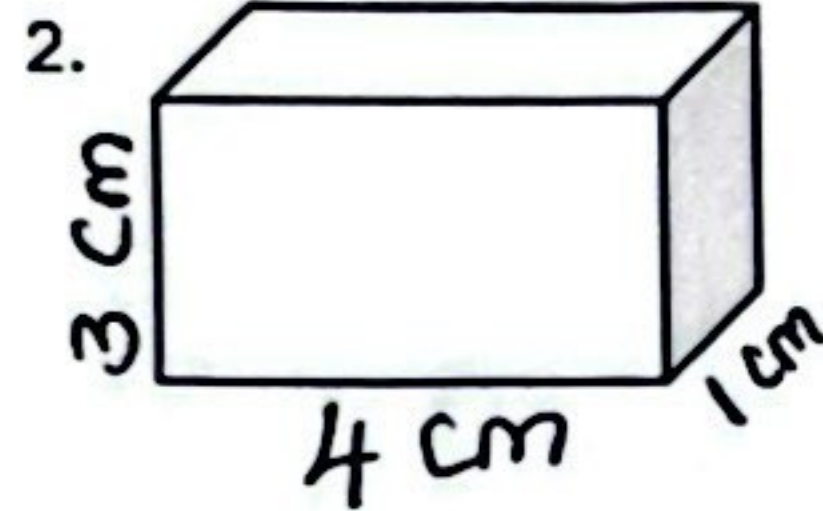**E. Find the area of a shaded triangle:**

F. Find the length of a cuboid : v = 300 cu.mm , b= 15mm, h=2mm

G. Find the volume of the following:

1. l= 6m , b= 3m , h= 1m   2.   3.   4.

H. Application in real life :

1. The side of a square park is 33m. Find the area of the park.

2. The length of Sneha's rectangular garden is 25m and its width is 12m. How much fencing will she need to enclose the garden? If fencing costs Rs 56 per meter, how much will she have to pay?

3. A gift box is 35cm long, 12cm wide and 5cm high , what is its volume?

L#12 Time and Temperature

A. Fill in the blanks :

1.   2hours = _____ minutes

2.   120 seconds = _____ minutes

3. 60 mins = _____ hour

4. Warm day _____ (35°C / 5°C)

5. Water freezes at 0°C and boils at _____°C.

6. _____ is the measure of how hot or cold something is.

7. The normal body temperature of human being is _____ °C

B. Convert the following:

1.   6 hours into minutes

2.   12 hours 15 minutes into minutes

3.   420 minutes into hours

4.   180 minutes into hours

5.   15 minutes into seconds

6.   9 minutes 25 seconds into seconds

C. Solve:

1. An advertisement on television lasted 120 seconds , how many minutes were the advertisement for?

2. If it takes 5minutes to reach from Arun's house to his school, how much is that in seconds?