

Perimeter

A. Choose the correct answer:

1. The perimeter of a square with side 6 cm is

- a) 36 cm
- b) 24 cm
- c) 12 cm
- d) 18 cm

2. The perimeter of a rectangle is calculated by

- a) length \times breadth
- b) $2 \times (\text{length} + \text{breadth})$
- c) length + breadth
- d) $2 \times \text{length} \times \text{breadth}$

3. What is the perimeter of a triangle with sides 5 cm, 6 cm and 7 cm

- a) 17 cm
- b) 18 cm
- c) 16 cm
- d) 15 cm

4. A square has a perimeter of 20 cm What is the length of one side

- a) 4 cm
- b) 5 cm
- c) 6 cm
- d) 10 cm

5. Which of the following units is used to measure perimeter

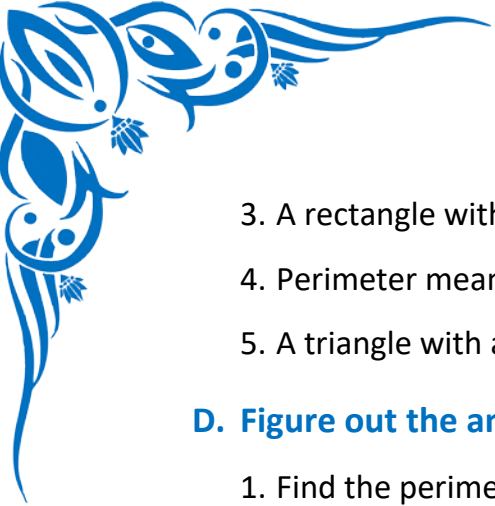
- a) cm^2
- b) m^2
- c) cm
- d) g

B. Write the Missing Terms to Complete the Sentences:

1. The formula for the perimeter of a rectangle is _____.
2. A square with side 8 cm has a perimeter of _____ cm.
3. A triangle with all sides equal to 6 cm has a perimeter of _____ cm.
4. The perimeter of a rectangle with length 12 cm and breadth 8 cm is _____ cm.
5. The unit of perimeter is always in _____.

C. Mark each sentence with a True (✓) or False (X):

1. The perimeter of a square is four times its side. _____
2. Perimeter is measured in square units. _____



3. A rectangle with sides 7 cm and 3 cm has a perimeter of 20 cm. _____

4. Perimeter means the distance around a figure. _____

5. A triangle with all sides equal to 4 cm has a perimeter of 16 cm. _____

D. Figure out the answers to these questions:

1. Find the perimeter of a rectangle with length 15 cm and breadth 10 cm.

2. A garden is square-shaped and each side is 25 m Find its perimeter.

3. A triangular park has sides measuring 40 m 35 m and 25 m Find the total boundary length.

4. A rectangular field is 60 m long and 40 m wide What is the cost of fencing it at ₹5 per metre.

5. A picture frame is 18 cm long and 12 cm wide What is the total length of the border around it.

E. Challenge yourself with these questions:

1. A farmer wants to fence a rectangular plot 30 m long and 20 m wide Find how much fencing is needed.

2. Find the perimeter of a triangle whose sides are 12 m 15 m and 18 m.

3. A square playground has a perimeter of 64 m Find the length of one side.

4. A rectangle has length 22 m and breadth 18 m How many metres of rope is needed to go around it once.

5. A square photo frame has a side of 14 cm Find its perimeter.