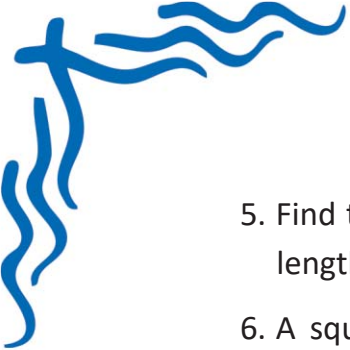


- ## Area of a Square



5. Find the side of a square whose area is the same as the area of a rectangle of length 12 m and breadth 6 m.
6. A square-shaped tile has an area of 81 cm^2 . How many tiles are needed to cover a floor of area 729 cm^2 ?
7. A square paper has a side of 10 cm. If it is folded into half, what will be the area of each part?
8. A square field has a side 24 m. How much fencing is required if the boundary is to be fenced (additional hint: area is not affected)?

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

1. All four sides of a square are of equal length.
2. The area of a square is calculated using the formula $4 \times \text{side}$.
3. If a square has a side of 11 cm, its area is 121 cm^2 .
4. The unit of area is always a linear unit like cm or m.
5. The square of 0 is also 0, so the area of a square with side 0 cm is 0 cm^2 .

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E. Challenge yourself with these questions:

1. A carpet is in the shape of a square with a side of 3.75 m. Find its area.
2. Convert the area of a square with side 1.2 m into cm^2 .
3. A square room has a side of 6.5 m. Find its area in square meters.
4. A square blackboard has an area of 2.25 m^2 . What is the length of its side?
5. A square sheet has an area of 400 cm^2 . A square piece of side 5 cm is cut out from it. What is the remaining area?

F. Find the perimeter of each of the following squares.

