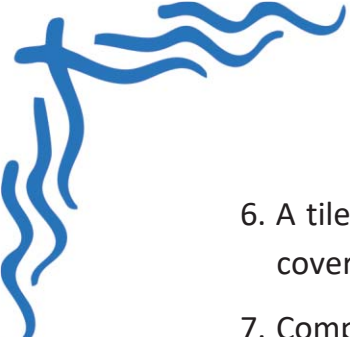


- ## Area

- 
6. A tile is square-shaped with a side of 25 cm. How much space will 4 such tiles cover?
7. Compare the areas of a square with side 10 cm and a rectangle with length 12 cm and breadth 8 cm.

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

1. Area is the measurement of the boundary of a shape.
2. A square and a rectangle can have the same area.
3. Area is measured using linear units.
4. The area of a square with side 10 cm is 100 cm^2 .
5. Area does not change when we rotate a shape.

E. Challenge yourself with these questions:

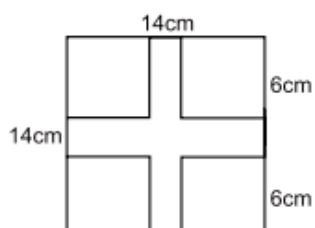
1. Match the following:

- | | |
|-----------------------|----------------------------|
| i. Area of square | a) cm^2 |
| ii. Area of rectangle | b) length \times breadth |
| iii. Unit of area | c) side \times side |

2. If a room is 5 m wide and 7 m long, how many square meters of carpet are needed to cover the floor?
3. A garden is 20 m long and 10 m wide. How much grass is needed to cover it completely?
4. Find two different rectangles with an area of 48 cm^2 and write their length and breadth.
5. Find the area of a rectangle whose length is double the breadth and area is 72 m^2 .
6. The area of a square field is 121 m^2 . What is the cost of fencing it at ₹25 per metre?

F. Find the area of shaded regions in the following figures.

1.



2.

