	Area
A. Choose the correct ar	nswer:
1. The area of a square	with side 6 cm is
a) 36 cm	b) 36 cm²
c) 12 cm²	d) 12 cm
2. The formula to calcu	late the area of a rectangle is
a) 2 × (length + bread	dth) b) length + breadth
c) length × breadth	d) side × 4
3. What is the area of a	a rectangle with length 8 cm and breadth 5 cm
a) 40 cm	b) 13 cm²
c) 40 cm ²	d) 30 cm²
4. Which of the followi	ng is a correct unit to measure area
a) cm	b) m
c) cm²	d) g
5. The area of a square	with side 10 m is
a) 100 m²	b) 40 m²
c) 20 m²	d) 100 m
B. Write the Missing Ter	rms to Complete the Sentences:
1. The formula for the a	area of a square is
2. A rectangle with leng	gth 10 cm and breadth 4 cm has area cm ²
3. The area of a square	of side 12 m is m ²
4. Area is measured in	units
5. The area of a rectang	gle increases if we increase the or the
C. Mark each sentence	with a True (✔) or False (X):
1. Area is the space insi	ide a shape.
2. Area of a square = sid	de × side.
3. A rectangle with leng	gth 8 cm and breadth 3 cm has area 24 cm ² .

- 4. Area is measured in centimetres not square centimetres.
- 5. Two squares of same perimeter always have the same area.

D. Figure out the answers to these questions:

- 1. Find the area of a square whose side is 9 m.
- 2. A rectangle has length 15 cm and breadth 6 cm Find its area.
- 3. If the side of a square is $\frac{1}{2}$ m find its area in square metres.
- 4. A rectangular garden has length 25 m and breadth 12 m How much land does it cover.
- 5. A room is 5 m long and 4 m wide What is the area of the floor.

E. Challenge yourself with these questions:

- 1. Find the area of a rectangular carpet that is 6 m long and 4 m wide.
- 2. A square tile has a side of 30 cm What is the area of one tile.
- 3. Calculate the area of a rectangular wall of length 5 m and height 3 m.
- 4. A table top is 2 m long and 1 m wide Find the area of the top.
- 5. A park is square-shaped and its side is 75 m What is the area of the park.