

## Geometry: Perimeter and Area of Polygons



Use the matching sheet ID when checking answers.

Calculate the perimeter or area for each 2D shape shown below.

1. Find the area of the rectangle below with base = 6 cm and height = 8 cm.

Answer: B. 48 sq cm (cm<sup>2</sup>)

Area of rectangle = base  $\times$  height = 6 cm  $\times$  8 cm = 48 square cm.

3. Find the perimeter of the rectangle.

Answer: D. 24 cm

Add all four sides:  $2 \times (9 + 3) = 24$  cm.

5. Find the perimeter of the rectangle.

Answer: C. 28 cm

Add all four sides:  $2 \times (9 + 5) = 28$  cm.

2. Find the perimeter of the rectangle.

Answer: D. 26 cm

Add all four sides:  $2 \times (6 + 7) = 26$  cm.

4. Find the perimeter of the rectangle.

Answer: D. 30 cm

Add all four sides:  $2 \times (11 + 4) = 30$  cm.

6. Find the perimeter of the rectangle.

Answer: A. 22 cm

Add all four sides:  $2 \times (6 + 5) = 22$  cm.