

Find the Area of the Figure - Composite Shapes Practice Worksheet

Name: _____ Date: _____

Instructions: Find the total area of each composite figure by splitting it into simpler shapes. Show your work and include units in your answer.

1. A figure is made of a rectangle (length 8 cm, width 3 cm) on top of a square (side 3 cm). Find the total area.

2. A composite shape has a rectangle (10 m x 4 m) with a right triangle attached on one end (base 3 m, height 4 m). Find the total area.

3. An L-shaped figure has an outer rectangle of 9 ft x 6 ft with a rectangular notch of 3 ft x 2 ft cut from one corner. Find the area.

4. A figure consists of two rectangles: one is 12 cm x 2 cm and the other is 4 cm x 5 cm. They share no overlap. Find the total area.

5. A shape is a rectangle (7 m x 5 m) with a semicircle on top (diameter 5 m). Find the total area. Use $\pi = 3.14$.

6. A composite figure is made of a large rectangle (10 in x 8 in) minus a small rectangle (2 in x 3 in) cut from one corner. Find the area.

7. A T-shaped figure has a top bar (12 cm x 3 cm) and a vertical stem (4 cm x 6 cm). Find the total area.

8. A figure has a right triangle (base 6 ft, height 8 ft) attached to a rectangle (6 ft x 5 ft). Find the total area.

9. A composite shape has a rectangle (15 m x 4 m) with two identical squares (side 2 m) cut from two corners. Find the area.

10. A figure is made of a large square (side 10 cm) with a right triangle (base 4 cm, height 6 cm) added to one side. Find the total area.

Answer Key

1. 33 cm^2
2. 46 m^2
3. 48 ft^2

- 4. 44 cm^2
- 5. 44.81 m^2
- 6. 74 in^2
- 7. 60 cm^2
- 8. 54 ft^2
- 9. 52 m^2
- 10. 112 cm^2

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