

Area of Composite Figures - Practice Worksheet

Name: _____ Date: _____

Instructions: Find the total area of each figure. Show your working. Include units in every answer.

1. A rectangle is 8 cm long and 5 cm wide. What is its area?
.....
2. A triangle has a base of 10 cm and a height of 6 cm. What is its area?
.....
3. A composite figure is made of a rectangle (6 m x 4 m) on top of a rectangle (10 m x 3 m). What is the total area?
.....
4. An L-shaped figure has an outer rectangle of 9 ft x 7 ft with a 3 ft x 4 ft rectangle cut from one corner. What is the area of the L-shape?
.....
5. A figure is made of a rectangle (12 cm x 5 cm) with a right triangle (base 5 cm, height 4 cm) attached to one end. What is the total area?
.....
6. A composite figure consists of a square with side 6 in and a semicircle with diameter 6 in on top. What is the total area? (Use $\pi = 3.14$)
.....
7. A trapezoid has parallel sides of 8 m and 14 m, and a height of 5 m. What is its area?
.....
8. A composite figure is made of two rectangles: one is 15 cm x 4 cm and the other is 7 cm x 6 cm. They share no overlap. What is the total area?
.....
9. A right triangle has legs of 9 cm and 12 cm. A square with side 9 cm is attached to the triangle's vertical leg. What is the total area?
.....
10. A figure is shaped like a plus sign (+). The horizontal bar is 12 ft x 3 ft. The vertical bar is 3 ft x 12 ft. They overlap in a 3 ft x 3 ft square in the center. What is the total area?
.....

Answer Key

1. 40 cm²
2. 30 cm²
3. 54 m²
4. 51 ft²
5. 70 cm²
6. 50.13 in²
7. 55 m²
8. 102 cm²
9. 135 cm²

10. 63 ft²

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