

## ANSWERS

# AREA OF COMPOUND SHAPES

**Instructions:** Solve each problem by calculating the area of the given shape. Choose the correct answer from the three options provided for each exercise. Color the option that is correct.

a) A rectangular floor measures 14 m by 9 m. What is its area?

126 m<sup>2</sup>   120 m<sup>2</sup>   136 m<sup>2</sup>

b) A triangular field has a base of 20 m and a height of 12 m. What is its area?

100 m<sup>2</sup>   120 m<sup>2</sup>   140 m<sup>2</sup>

c) A circular garden has a diameter of 10 m. What is its area? (Use  $\pi=3.14$ )

50 m<sup>2</sup>   60 m<sup>2</sup>   78.5 m<sup>2</sup>

d) A parallelogram-shaped wall has a base of 8 m and a height of 5 m. What is its area?

40 m<sup>2</sup>   35 m<sup>2</sup>   45 m<sup>2</sup>



e) A trapezoidal lot has parallel sides of 12 m and 8 m, and its height is 10 m. What is its area?

110 m<sup>2</sup>   100 m<sup>2</sup>   120 m<sup>2</sup>

f) A square swimming pool has sides measuring 7 m. What is its area?

45 m<sup>2</sup>   49 m<sup>2</sup>   51 m<sup>2</sup>

How Did You Do? 😊 😐 ☹️