

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 garden measures 12 m by 8 m. What is its area?

96 m² 104 m² 112 m²

b) A trapezoidal path has parallel sides measuring 10 m and 6 m, with a height of 5 m. What is its

50 m² 40 m² 60 m²

c) A circular pond has a radius of 7 m. What is its area? (Use $\pi=3.14$)

153.86 m² 140.5 m² 160 m²

d) A T-shaped walkway is made of two rectangles: one 8 m by 4 m and another 6 m by 4 m. What is the total area?

40 m² 56 m² 60 m²

e) A triangular roof has a base of 10 m and a height of 6 m. What is its area?

40 m² 30 m² 20 m²

f) A square playground has sides measuring 15 m. What is its area?

225 m² 200 m² 240 m²



How Did You Do? 😊 😐 😞