

WORKSHEET

Area of Composite Figures Worksheet

Unsolved with Answer key



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Area of Composite Figures Worksheet

Q1: Calculate the area of a composite figure made of a rectangle (10 cm by 5 cm) and a semicircle (radius 5 cm) on top.

Q2: Find the area of a composite figure consisting of the square (side 7 cm) and a triangle (base 7 cm, height 4 cm) attached to one side.

Q3: A composite figure consists of the trapezoid (bases 8 cm and 4 cm, height 5 cm) and a rectangle (length 8 cm, width 3 cm). Find the area.

Q4: Determine the area of a composite figure with the rectangle (8 cm by 6 cm) and a quarter circle (radius 6 cm) attached to one corner.

Q5: Calculate the area of a composite figure made of two overlapping rectangles (10 cm by 4 cm and 8 cm by 3 cm).

Q6: Find the area of a composite figure consisting of the circle (radius 5 cm) and a triangle (base 8 cm, height 5 cm) inside the circle.

Q7: Determine the area of a composite figure with the semicircle (radius 4 cm) on top of a square (side 8 cm).

Q8: A composite figure consists of a square (side 6 cm) and a right triangle (legs 6 cm each). Find the area.

Q9: Calculate the area of a composite figure with the triangle (base 9 cm, height 4 cm) and a rectangle (length 9 cm, width 3 cm).

Q10: Find the area of a composite figure made up of the rectangle (10 cm by 6 cm) and a circle (radius 3 cm) inside the rectangle.

Answer Key

2nd Grade Maths

1. 85.71 cm^2
2. 35 cm^2
3. 56 cm^2
4. 106.68 cm^2
5. 46 cm^2
6. 78.54 cm^2
7. 50.27 cm^2
8. 36 cm^2
9. 54 cm^2
10. 66.86 cm^2