Area of Quadrilaterals and Composite Figures

FLORIDA GRADE 6 MATH | B.E.S.T. BENCHMARK MA.6.GR.2.2 | STUDENT WORKSHEET

Name: _____ **Date:** _____

Directions: Solve each problem. Show your work in the space provided.

1. A parallelogram has a base of 9 cm and a height of 4 cm. What is its area?

2. A trapezoid has parallel sides of 6 in and 10 in and a height of 4 in. What is its area?

3. A figure is a 10 m by 6 m rectangle with a triangle on top that has a base of 10 m and a height of 3 m. What is its area?

4. A triangle has an area of 24 square cm and a base of 8 cm. What is its height?

5. A rectangle has an area of 45 square meters and a length of 7.5 meters. What is its width?

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Answer Key

1. 36 square centimeters

$9 \times 4 = 36$

2. 32 square inches

Rectangle $6 \times 4 = 24$ plus triangles with total base 4: $\frac{1}{2} \times 4 \times 4 = 8$

3. 75 square meters

$60 + 15 = 75$

4. 6 cm

$\frac{1}{2} \times 8 \times 6 = 24$

5. 6 meters

$45 \div 7.5 = 6$

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