Area of Triangles

FLORIDA GRADE 6 MATH | B.E.S.T. BENCHMARK MA.6.GR.2.1 | STUDENT WORKSHEET

Name: _____ **Date:** _____

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

1. A triangle has a base of 12 units and a height of 5 units. What is its area?

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

3. A triangle has a base of 7.5 m and a height of 4 m. What is its area?

4. A right triangle has legs of 10 inches and 6 inches. What is its area?

5. A triangle has a base of $\frac{3}{4}$ foot and a height of $\frac{2}{3}$ foot. What is its area?

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FLORIDA GRADE 6 MATH | B.E.S.T. BENCHMARK MA.6.GR.2.1 | ANSWER KEY

Answer Key

1. 30 square units

$\frac{1}{2} \times 12 \times 5 = 30$

2. 18 square centimeters

$\frac{1}{2} \times 9 \times 4 = 18$

3. 15 square meters

$\frac{1}{2} \times 7.5 \times 4 = 15$

4. 30 square inches

$\frac{1}{2} \times 10 \times 6 = 30$

5. $\frac{1}{4}$ square foot

$\frac{1}{2} \times \frac{3}{4} \times \frac{2}{3} = \frac{1}{4}$

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