

Student Name: _____

Score: _____

Area of Equilateral Triangle Worksheet

$$\text{Area of equilateral triangle} = \frac{\sqrt{3}}{4} a^2 \text{ sq. units}$$

Problems

Work Space

<p>Find the area of the equilateral triangle whose side measures 6 m.</p> <p>Answer:</p>	
<p>Find the area of the equilateral triangle whose side measures 2 ft.</p> <p>Answer:</p>	
<p>Find the area of the equilateral triangle whose side measures 100 in.</p> <p>Answer:</p>	
<p>Find the area of the equilateral triangle whose side measures 4 yd.</p> <p>Answer:</p>	

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Answers

Find the area of the equilateral triangle whose side measures 6 m. Answer: $9\sqrt{3} m^2$	
Find the area of the equilateral triangle whose side measures 2 ft. Answer: $\sqrt{3} ft^2$	
Find the area of the equilateral triangle whose side measures 100 in. Answer: $2500\sqrt{3} in^2$	
Find the area of the equilateral triangle whose side measures 4 yd. Answer: $4\sqrt{3} yd^2$	