

Student Name: _____

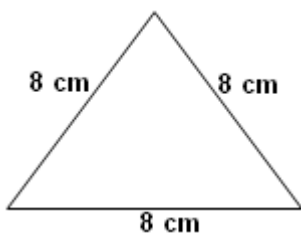
Score: _____

Area of Equilateral Triangle Worksheet

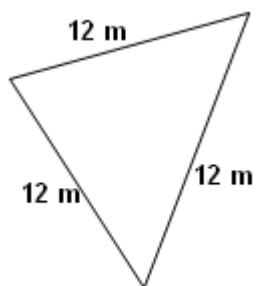
$$\text{Area of equilateral triangle} = \frac{\sqrt{3}}{4} a^2 \text{ sq. units}$$

Figures

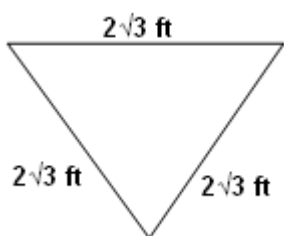
Work Space



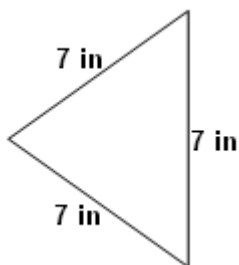
Area: _____



Area: _____



Area: _____

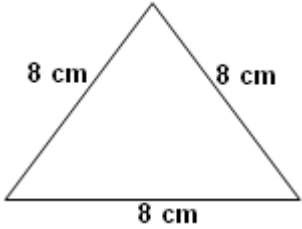
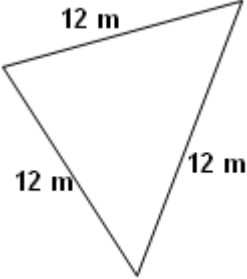
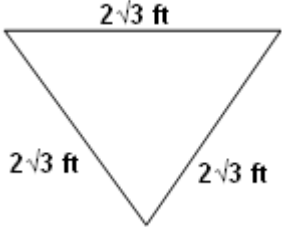
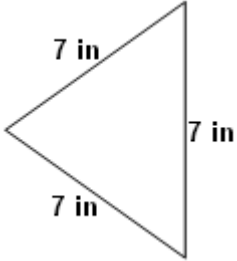


Area: _____

Student Name: _____

Score: _____

Answers

 <p>An equilateral triangle with all three sides labeled 8 cm.</p>	<p>Area: $16\sqrt{3} \text{ cm}^2$</p>
 <p>An equilateral triangle with all three sides labeled 12 m.</p>	<p>Area: $36\sqrt{3} \text{ m}^2$</p>
 <p>An inverted equilateral triangle with all three sides labeled $2\sqrt{3} \text{ ft}$.</p>	<p>Area: $3\sqrt{3} \text{ ft}^2$</p>
 <p>An equilateral triangle with all three sides labeled 7 in.</p>	<p>Area: $\frac{49}{4}\sqrt{3} \text{ in}^2$</p>