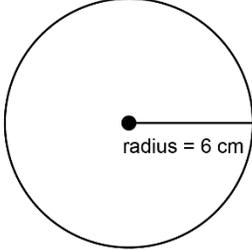


# Lesson 1 Assessment

## Exploring Circles

Exploring Circles			
<p>Understands the relationship between radius and diameter of a circle</p> <p>If the diameter of a circle is 12 cm, what is its radius?</p> <p>Since the diameter is double the radius, then the radius is <math>12 \div 2</math>, or 6 cm.</p>	<p>Understands relationships between radius, diameter, and circumference of a circle</p> <p>If the radius of a circle is 6 cm, what is its circumference?</p> <p>I know that the circumference of a circle is about “6 and a bit” times its radius. So, the circumference is “6 and a bit” <math>\times 6</math>, or about 37 cm.</p>	<p>Constructs circles given the radius, diameter, or circumference</p> <p>Draw a circle with a diameter of 12 cm.</p> <p>The radius is <math>12 \div 2</math>, or 6 cm. I used a ruler to set the compass to 6 cm. Then, drew the circle.</p> 	<p>Uses relationships between circle measures to solve problems</p> <p>Determine the circumference of a pizza with a diameter of 30 cm.</p> <p>I used the relationship <math>\text{circumference} = \text{diameter} \times \text{“3 and a bit”}</math> to get a circumference of approximately 91 cm.</p>
Observations/Documentation			