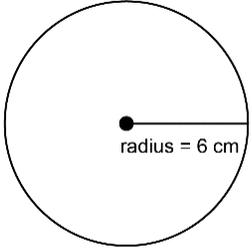


Activity 2 Assessment

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 $12 \div 2$, or 6 cm.</p>	<p>Understands relationships among 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 times its radius. So, the circumference is 6×6, or about 36 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 $12 \div 2$, or 6 cm. I used a ruler to set the compass to 6 cm. Then, drew the circle.</p> 	<p>Uses relationships among 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 circumference = diameter \times 3.14 to get a circumference of about 94.2 cm.</p>
Observations/Documentation			