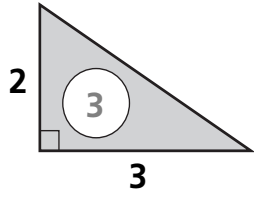
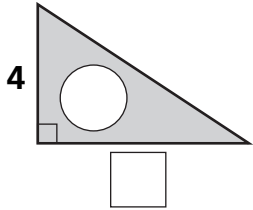
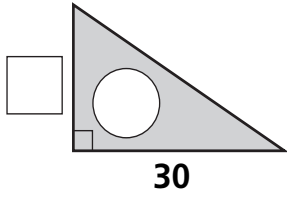
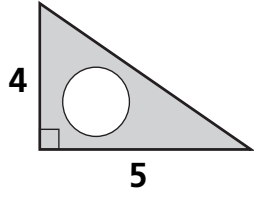
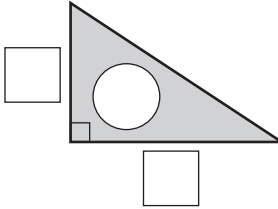
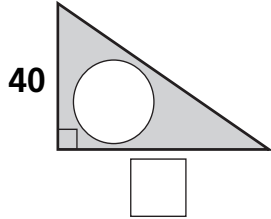


Comparing Volume and Surface Area

Fill in the missing numbers and look for the patterns.

Column A	Column B	Column C
<p>1 Prism base:</p>  <p>Prism height = <u> 3 </u> Volume: _____</p>	<p>All dimensions in Column A are doubled.</p> <p>Prism base:</p>  <p>Prism height = _____ Volume: _____</p>	<p>All dimensions in Column A are multiplied by 10</p> <p>Prism base:</p>  <p>Prism height = _____ Volume: _____</p>
<p>2 Prism base:</p>  <p>Prism height = <u> 4 </u> Volume: _____</p>	<p>Prism base:</p>  <p>Prism height = _____ Volume: _____</p>	<p>Prism base:</p>  <p>Prism height = _____ Volume: _____</p>
<p>3 Look at the area of the base of each prism.</p>	<p>The area of the bases of the prisms in Column B is _____ times the area of those in Column A.</p>	<p>The area of the bases of the prisms in Column C is _____ times the area of those in Column A.</p>
<p>4 Look at the volume of each prism.</p>	<p>The volume of the bases of the prisms in Column B is _____ times the volume of the prisms in Column A.</p>	<p>The volume of the bases of the prisms in Column C is _____ times the volume of the prisms in Column A.</p>