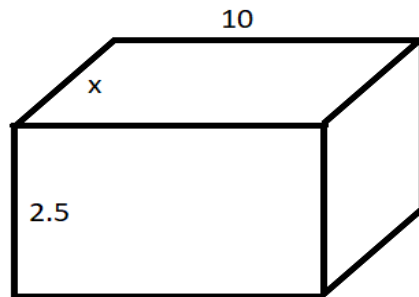


Grade: 5

Category: Geometry

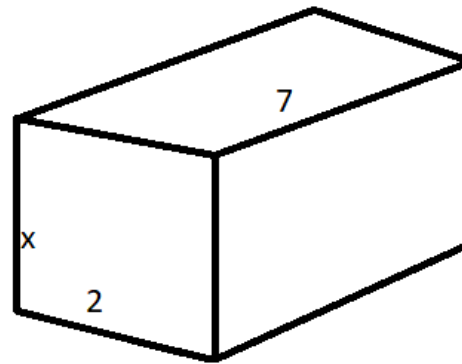
Sub Category: Find the Missing Side In 3D Shapes

Find the missing sides value (Assume all answers are in inches)



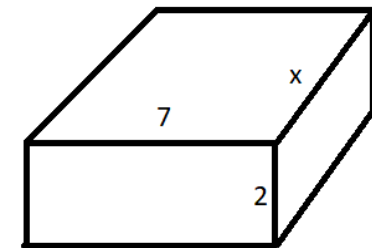
Volume = 75

Show Work Here



Volume = 28

Show Work Here

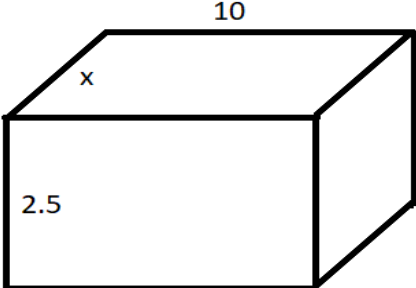
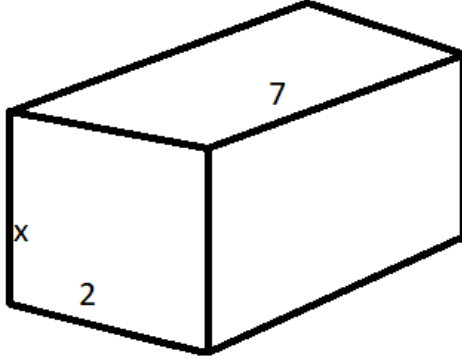
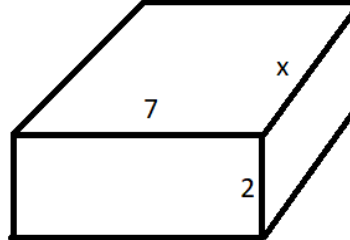


Volume = 49

show Work Here

Grade: 5
Category: Geometry
Sub Category: Find the Missing Side In 3D Shapes
Worksheet #: 170 A

Find the missing sides value (Assume all answers are in inches)

 <p>Volume = 75</p>	 <p>Volume = 28</p>	 <p>Volume = 49</p>
<p>Show Work Here</p> <p>So we know that the volume is 75, and that two of the three sides used are 10 inches and 2.5 inches. All you need to do here is plug in whatever you can, and leave the remaining side and solve for it.</p> <p>Plug in all values $(10)(2.5)(x) = 75$</p> <p>Combine the few you can $(25)(x) = 75$</p> <p>Isolate x to find what its value is $x = 3 \text{ inches}^3$</p>	<p>Show Work Here</p> <p>So we know that the volume is 28, and that two of the three sides used are 7 inches and 2 inches. All you need to do here is plug in whatever you can, and leave the remaining side and solve for it.</p> <p>Plug in all values $(7)(2)(x) = 28$</p> <p>Combine the few you can $(14)(x) = 28$</p> <p>Isolate x to find what its value is $x = 2 \text{ inches}^3$</p>	<p>Show Work Here</p> <p>So we know that the volume is 49, and that two of the three sides used are 7 inches and 2 inches. All you need to do here is plug in whatever you can, and leave the remaining side and solve for it.</p> <p>Plug in all values $(7)(2)(x) = 49$</p> <p>Combine the few you can $(14)(x) = 49$</p> <p>Isolate x to find what its value is $x = 3.5 \text{ inches}^3$</p>