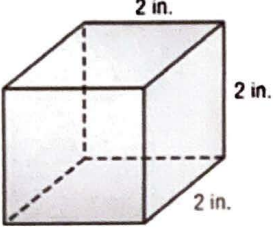
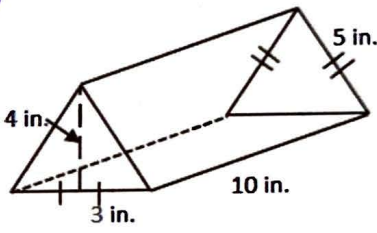
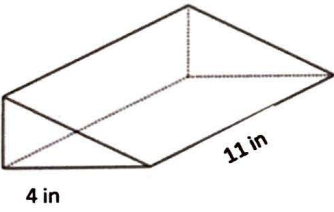
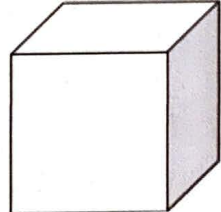
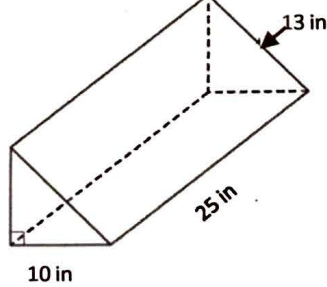
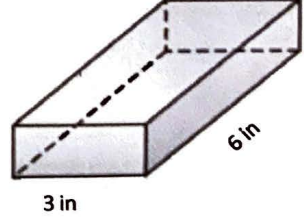


Volume Match

Directions: Write the appropriate formula for each figure, then work all 9 problems on a sheet of notebook paper. You will calculate volume. Once you are satisfied that the solutions are correct, you will cut apart the 9 sections and match to the corresponding answer on the answer template. Cut these slightly smaller than the boxes and they will fit perfectly!

you don't have to cut.

Show your work !!

<p>1)</p>  <p>$V = Bh$</p>	<p>2)</p> <p>A gift box is in the shape of a triangular prism. It has a base of 8 cm, a height of 13 cm, and it is 17 cm long. How many cm cubes will fit into this box?</p>	<p>3)</p>  <p>$V = Bh$</p>
<p>4)</p>  <p>$V = Bh$</p>	<p>5)</p>  <p>$V = Bh$</p>	<p>6)</p> <p>Charlie's triangular prism block is made of plastic and can be filled with water. It has a base of 2 in., a height of 4 in. and it is 6 in long. How much water does Charlie need to fill it up?</p>
<p>7)</p> <p>A rectangular fish tank is 60 cm by 15 cm by 34 cm. How much water is needed to fill the tank completely?</p>	<p>8)</p>  <p>$V = Bh$</p>	<p>9)</p>  <p>$V = Bh$</p>

Volume Matching Activity

Directions: Once you are satisfied that the solutions are correct, you will cut apart the 9 sections and match to the corresponding answer on this template. *do the cutting → you can just be sure your answers are here.*

8	30,600	1331
66	24	18
1250	884	60