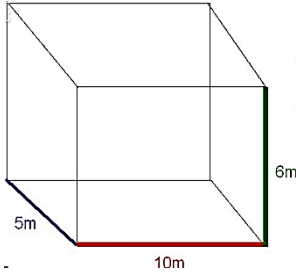
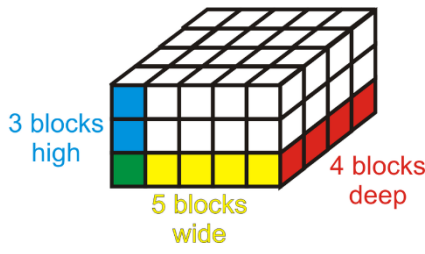
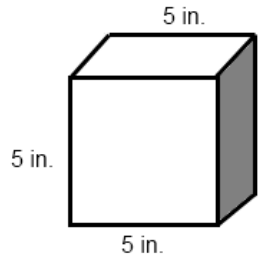
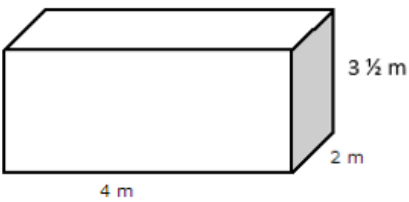


Math 6 - Unit 5: Area & Volume

Surface Area & Volume Practice

Name: _____

Class Period: 1 2 3 4 Date: _____

<p>Rectangular Prism</p>	<p>Surface Area (Show work and circle your answer.)</p>	<p>Volume (Show work and circle your answer.) $V = lwh$ OR $V = Bh$</p>
	<p>1) SA = _____</p>	<p>2) V = _____</p>
	<p>3) SA = _____</p>	<p>4) V = _____</p>
	<p>5) SA = _____</p>	<p>6) V = _____</p>
	<p>7) SA = _____</p>	<p>8) V = _____</p>

9) Circle the choices that relate to volume. Underline the choices that relate to surface area.

Filling a pool with water Wrapping a present The amount of cereal in a box Painting a house

10) How are surface area and volume alike? _____

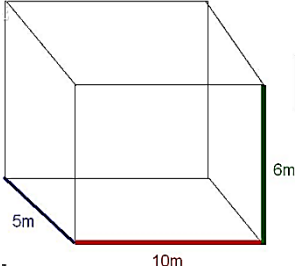
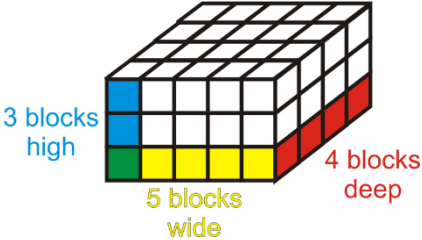
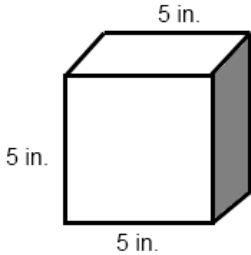
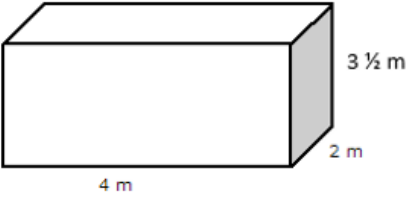
11) How are surface area and volume are different? _____

Math 6 - Unit 5: Area & Volume

Surface Area & Volume Practice **ANSWER KEY**

Name: _____

Class Period: 1 2 3 4 Date: _____

<p>Rectangular Prism</p>	<p>Surface Area (Show work and circle your answer.)</p>	<p>Volume (Show work and circle your answer.) $V = lwh$ OR $V = Bh$</p>
	<p>1) SA = 280 m²</p>	<p>2) V = 300 m³</p>
	<p>3) SA = 94 units²</p>	<p>4) V = 60 units³</p>
	<p>5) SA = 150 in²</p>	<p>6) V = 125 in³</p>
	<p>7) SA = 58 m²</p>	<p>8) V = 28 m³</p>

9) Circle the choices that relate to volume. Underline the choices that relate to surface area.

Filling a pool with water Wrapping a present The amount of cereal in a box Painting a house

10) How are surface area and volume alike? **Both require you to multiply using side measurements**

11) How are surface area and volume are different? **Surface Area is the total area of all of the surfaces of the figure. It is a measurement of the area of the OUTSIDE of a figure. Volume is the total capacity of the INSIDE of a figure.**