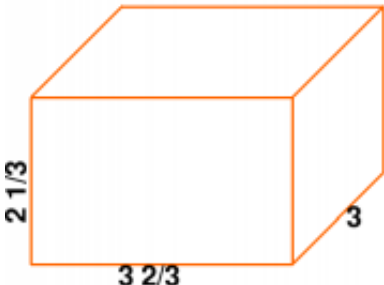

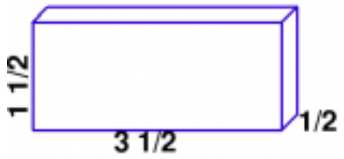

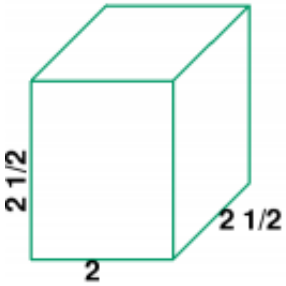

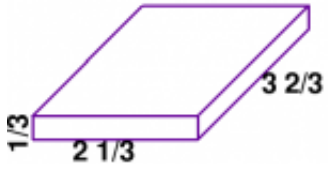
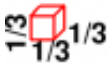


Volume/Surface Area

Solve.

<p>1 a.</p>  <p>1. This is a unit fraction cube: </p> <p>How many unit fraction cubes fit into the solid above?</p> <p>2. Find the volume of the solid.</p>	<p>1 b.</p>  <p>1. This is a unit fraction cube: </p> <p>How many unit fraction cubes fit into the solid above?</p> <p>2. Find the volume of the solid.</p>
<p>2 a.</p>  <p>1. This is a unit fraction cube: </p> <p>How many unit fraction cubes fit into the solid above?</p> <p>2. Find the volume of the solid.</p>	<p>2 b.</p>  <p>1. This is a unit fraction cube: </p> <p>How many unit fraction cubes fit into the solid above?</p> <p>2. Find the volume of the solid.</p>

Name: _____ Date: _____

Answer Key

<p>1 a. A total of 693 unit fraction cubes fit into the rectangular prism. The volume is $25 \frac{2}{3}$ cubic units.</p>	<p>1 b. A total of 21 unit fraction cubes fit into the rectangular prism. The volume is $2 \frac{5}{8}$ cubic units.</p>
<p>2 a. A total of 100 unit fraction cubes fit into the rectangular prism. The volume is $12 \frac{1}{2}$ cubic units.</p>	<p>2 b. A total of 77 unit fraction cubes fit into the rectangular prism. The volume is $2 \frac{23}{27}$ cubic units.</p>