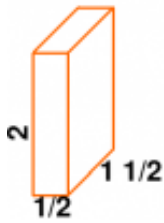


Volume/Surface Area

1 a.



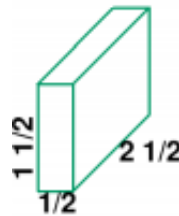
1. This is a unit fraction cube:



How many unit fraction cubes fit into the solid above?

2. Find the volume of the solid.

1 b.



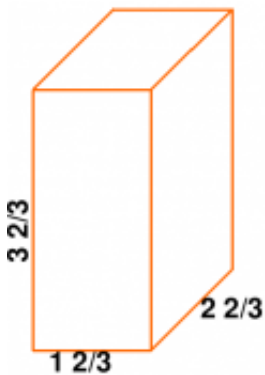
1. This is a unit fraction cube:



How many unit fraction cubes fit into the solid above?

2. Find the volume of the solid.

2 a.



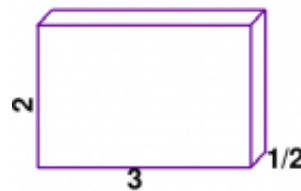
1. This is a unit fraction cube:



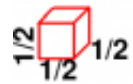
How many unit fraction cubes fit into the solid above?

2. Find the volume of the solid.

2 b.



1. This is a unit fraction cube:



How many unit fraction cubes fit into the solid above?

2. Find the volume of the solid.

Name: _____ Date: _____

Answer Key

<p>1 a. A total of 12 unit fraction cubes fit into the rectangular prism. The volume is $1 \frac{1}{2}$ cubic units.</p>	<p>1 b. A total of 15 unit fraction cubes fit into the rectangular prism. The volume is $1 \frac{7}{8}$ cubic units.</p>
<p>2 a. A total of 440 unit fraction cubes fit into the rectangular prism. The volume is $16 \frac{8}{27}$ cubic units.</p>	<p>2 b. A total of 24 unit fraction cubes fit into the rectangular prism. The volume is 3 cubic units.</p>