

## 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.



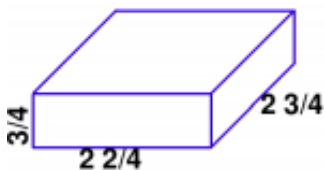
1. This is a unit fraction cube:



How many unit fraction cubes fit into the solid above?

2. Find the volume of the solid.

2 a.



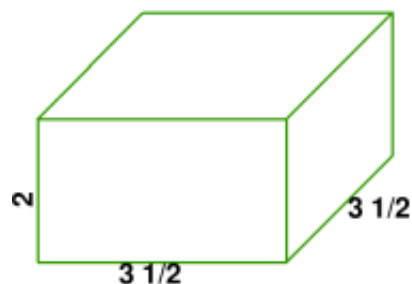
1. This is a unit fraction cube:



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><b>1 a.</b> A total of 14 unit fraction cubes fit into the rectangular prism. The volume is <math>1 \frac{3}{4}</math> cubic units.</p>	<p><b>1 b.</b> A total of 44 unit fraction cubes fit into the rectangular prism. The volume is <math>1 \frac{17}{27}</math> cubic units.</p>
<p><b>2 a.</b> A total of 330 unit fraction cubes fit into the rectangular prism. The volume is <math>5 \frac{5}{32}</math> cubic units.</p>	<p><b>2 b.</b> A total of 196 unit fraction cubes fit into the rectangular prism. The volume is <math>24 \frac{1}{2}</math> cubic units.</p>