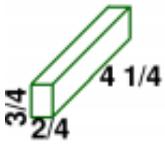
Name: _____ Date: _____

# 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.

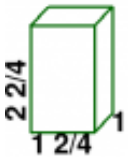
**1 b.**

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.**

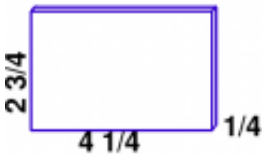



1. This is a unit fraction cube:


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.

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**Name:** _____ **Date:** _____

# Answer Key

| | |
|---|---|
| **1 a.** A total of 102 unit fraction cubes fit into the rectangular prism.<br>The volume is 1 19/32 cubic units. | **1 b.** A total of 112 unit fraction cubes fit into the rectangular prism.<br>The volume is 4 4/27 cubic units. |
| **2 a.** A total of 240 unit fraction cubes fit into the rectangular prism.<br>The volume is 3 3/4 cubic units. | **2 b.** A total of 187 unit fraction cubes fit into the rectangular prism.<br>The volume is 2 59/64 cubic units. |

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