

Name: _____ Period: _____ Date: _____

Volume Finding the volume of a right rectangular prism

Math 5

You are going to estimate and then find the actual volume of the rectangular prism in front of you. Complete the table below as you work through the following steps:

1. Estimate the volume, in cubic centimeters, of each of the rectangular prisms in your group.
2. Fill your rectangular prism with place value blocks.
3. Count the total cubes needed to fill your rectangular prism.
4. As a group, determine the formula for finding volume of a rectangular prism. Check your formula with the class.
5. As a group, use the formula to find the volume, or number of blocks, in each of your containers.

<i>Name of person</i>	<i>Estimate of cubic centimeters needed to fill their container</i>	<i>Actual number of cubic centimeters need to fill their container</i>	<i>Formula for finding volume</i>	<i>Number of cubic centimeters need to fill their container using the formula</i>