



Name \_\_\_\_\_ Date \_\_\_\_\_

# Hands On: Explore Volume

CA Standards  
KEY MG 1.2, MG 1.0

**Volume** is the number of unit cubes that make up a solid figure.

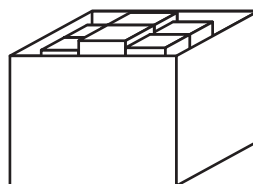
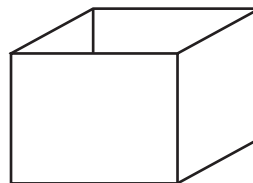
Follow these steps to estimate the volume of a container.

**Step 1** Estimate the number of unit cubes needed to fill the container.  
Write your estimate.

This is a unit cube.



**Step 2** Count each unit cube as you fill the container to find its volume.  
Write the number of unit cubes you used.



**Step 3** Compare your estimate to the volume.

Choose four containers. Estimate how many unit cubes you will need to fill each container. Then fill each container to find the volume.

	Container	Estimate	Volume
1.			
2.			
3.			
4.			



**Writing Math** Can two different-shaped containers have the same volume? Why or why not?

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