

Teamwork



Get Started



Get cubes to build each of the solids.

Put **1** **2** **3** **4** in a bag.

Repeat for Each Round

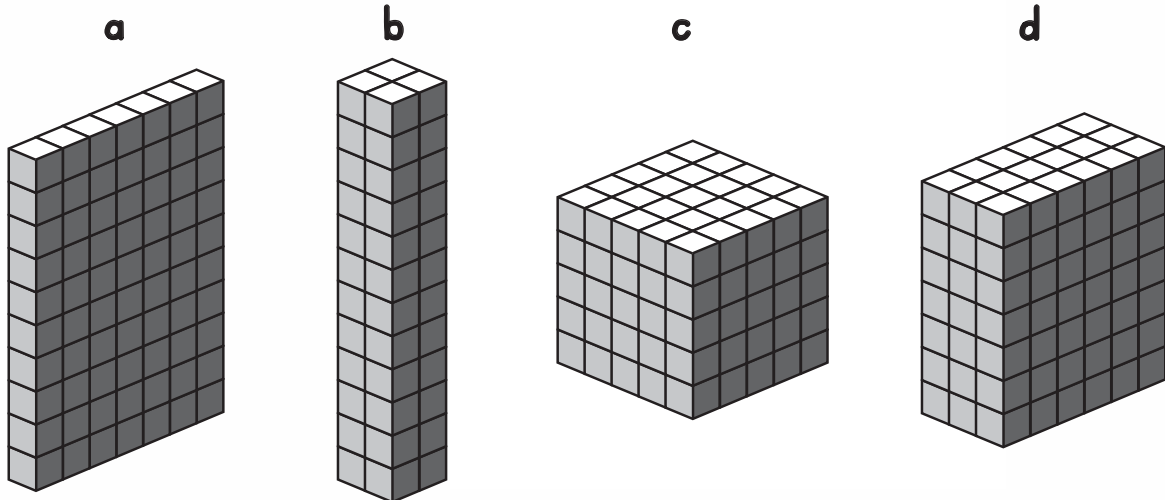
Choose **a**, **b**, **c**, or **d**.

Pick a tile. Pick two tiles if your group has only two students.

Do the jobs listed below in order.

To find your job, find the number that matches the tile you chose.

- 1** Look at the rectangular prism or cube. Decide whether your team should build the solid using cubes, or if you will count the cubes by looking at the drawing.
- 2** Using the strategy chosen in Step 1, explain how to find the volume of the rectangular prism or cube.
- 3** Create another rectangular prism or cube that has the same volume but different dimensions.
- 4** Using the solid figure created in Step 3, explain why two figures with the same volume can have different dimensions.



If you have more time



Create two more rectangular prisms that have the same volume but different dimensions.