Unit 1, Lesson 8

Figures Made of Prisms

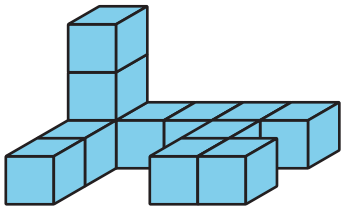
Let's find the volumes of figures made of prisms.

Warm-up

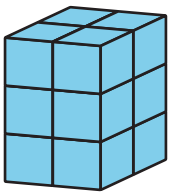
Which Three Go Together: Different Figures

Which 3 go together?

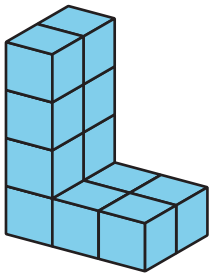
A



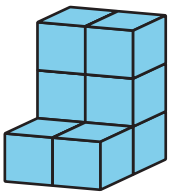
B



C



D

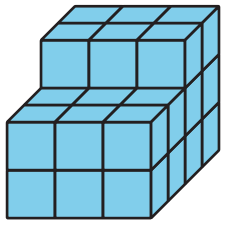


Activity 1

Put It Together

1. Partner A: Build a rectangular prism with 12 cubes.
2. Partner B: Build a rectangular prism with 10 cubes.
3. Put your 2 rectangular prisms together to make one figure. What is the volume of the new figure? Explain or show your reasoning.

4. Diego and Jada put together 2 rectangular prisms to make this figure.



   a. What is the volume of the figure Diego and Jada made?

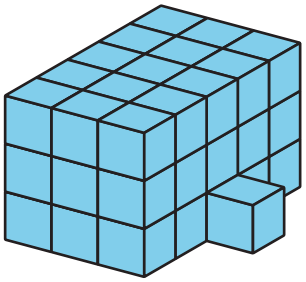
   b. Which rectangular prisms could Diego and Jada each have built? Show your thinking. Organize your work so it can be followed by others.

Activity 2

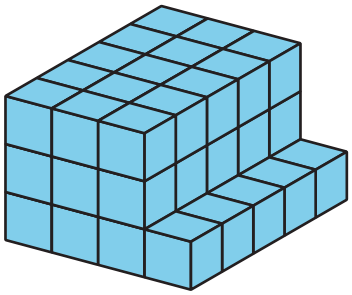
I See Two Prisms

Find the volume of each figure. Explain or show your reasoning.

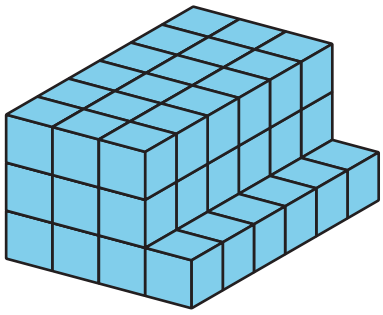
A



B



C



D

