



Figures Made of Prisms

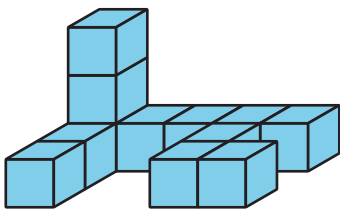
Let's find the volumes of figures made of prisms.

Warm-up

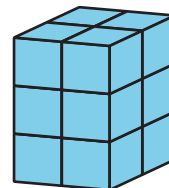
Which Three Go Together: Different Figures

Which 3 go together?

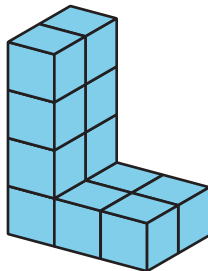
A



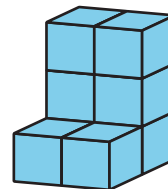
B



C



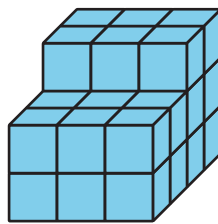
D



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.



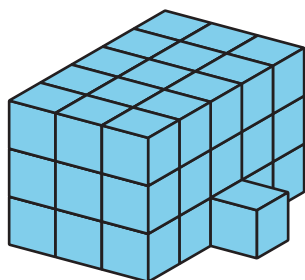
- a. What is the volume of the figure Diego and Jada made?
- b. Which rectangular prisms could Diego and Jada each have built? Show your thinking. Organize your work so it can be followed by others.

Activity 2

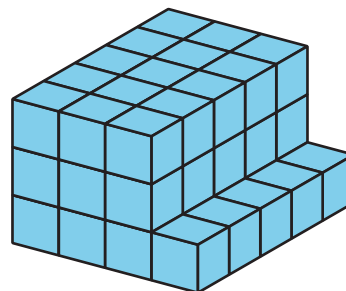
I See Two Prisms

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

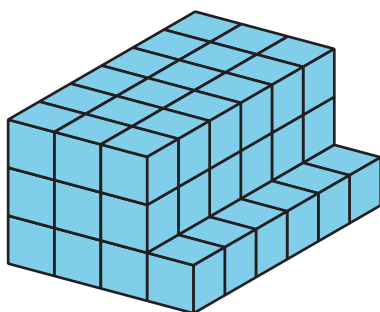
A



B



C



D

