



# Figures Made of Prisms

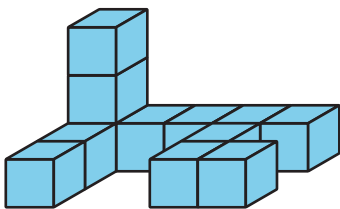
Let's find the volumes of figures made of prisms.

## Warm-up

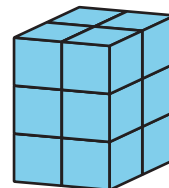
### Which Three Go Together: Different Figures

Which 3 go together?

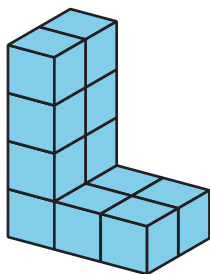
A



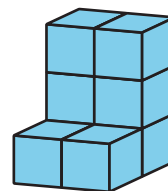
B



C



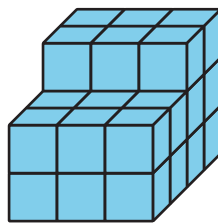
D



## 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.



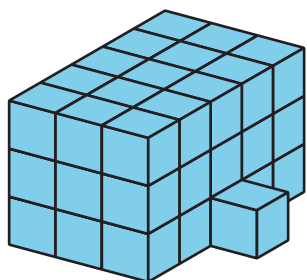
- a. What is the volume of the figure Diego and Jada made?
- b. Which rectangular prisms could Diego and Jada each have built? Show your thinking. Organize your work so it can be followed by others.

## Activity 2

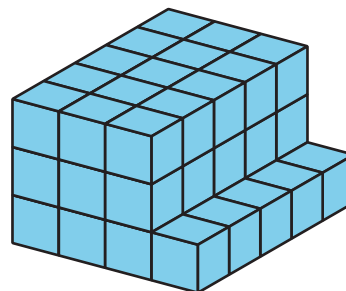
### I See Two Prisms

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

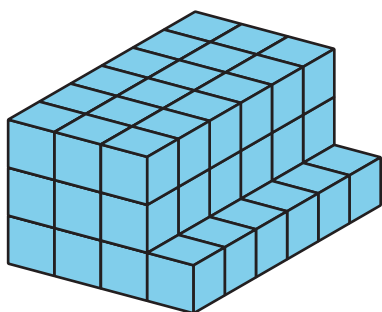
**A**



**B**



**C**



**D**

