

Volume as Layers of Cubes: Explore and Explain



Name: _____ Date: _____

Explore the material. Talk through your reasoning with suitable support.

Count a layer then count layers

A prism 4 units long, 3 wide and 2 high has 12 cubes in each layer and 2 layers, for 24 cubic units.

1. How many cubes fit in a 5 by 3 bottom layer?

2. There are 4 layers of 15 cubes. Find the volume.
