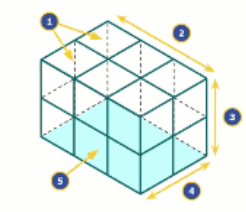


MATH STRATEGY: Visual Representations

Label: Volume of a Prism Check my Work



$V = 3 \times 2 \times 2 = 12m^3$

1. _____	
2. length	
3. height	unit cubes
4. width	volume
5. base	volume
6. _____	

The Learning Benefits:

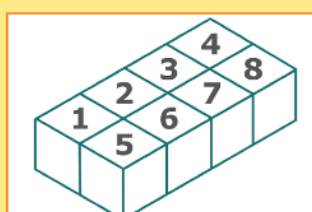
Visual representations such as diagrams, charts, graphs, illustrations, and animations accelerate and deepen understanding of virtually any math concept, as well as relationships among related concepts. This strategy applies from early math up through algebra, geometry, and statistics.

Implementation Use Cases:

Diagram It! (above) enables students to review, label, and describe all kinds of visual representations. Results are stored by the Speak Agent Math platform.

Word Gallery (right) is a digital word wall that students may use as a visual learner's dictionary. It provides multiple visual representations of each concept to enhance understanding.

volume 🗨️



These 8 unit cubes are arranged into a rectangular prism. The prism has a volume of 8 units. 🗨️

Favorite Teacher Feature

Diagram It! offers four different learning modes: review, label, type-in, and describe. The latter enables students to record verbal or written descriptions and save them in a digital portfolio.

Distance Learning Tips

- ▶ Use slideshow-style activities like *Word Gallery* to introduce new math concepts by sharing your screen during live video classes.
- ▶ Use interactive activities like *Diagram It!* to provide students with independent practice.

LEARN MORE: speakagent.com/strategies