Illustrative Mathematics

Grade 5 Unit 1
Lesson 3
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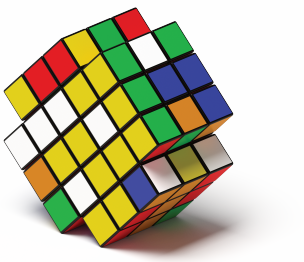
Unit 1 Lesson 3: Volumes of Prism Drawings

WU Number Talk: Multiplication (Warm up)

Student Task Statement

Find the value of each expression mentally.

- 6×4
- $3 \times 2 \times 4$
- $3 \times 2 \times 5$
- $3 \times 2 \times 6$

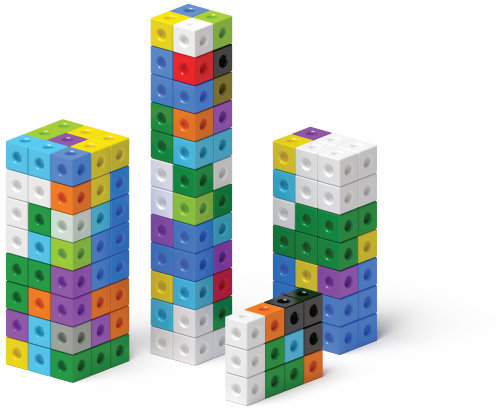


1 Build Rectangular Prisms

Student Task Statement

The prisms on the cards are completely packed with unit cubes.

1. Pick a card.
2. Build the rectangular prism.
3. Find the volume. Explain how you found the volume to your partner.
4. Repeat.

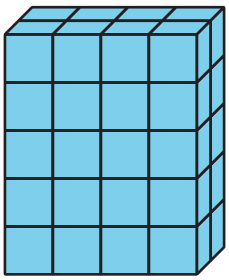


2 Layers, layers, and more layers

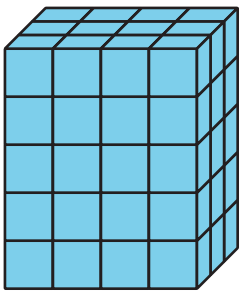
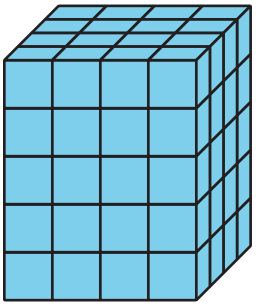
Student Task Statement

The prisms are completely packed with unit cubes. Determine the volume of each prism. Explain or show your reasoning.

1.



2.



3.