

Unit 4

Preview the Unit

Review Words

dimension

horizontal

surround

vertical

Build Your Vocabulary

Below are terms you may know. If you know something about the term, write a meaning or an example.

Term	Meaning or Example
dimension	
horizontal	
surround	
vertical	

Read and Write for the Real-World Connection

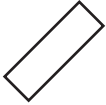
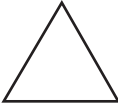
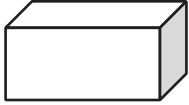
Re-read **Real-World Connection** on the previous page. Think about what a box might look like when it is cut open and flattened. Sketch your ideas.

Apply It

Think about different boxes. Describe or draw something that all boxes have in common. Then describe or draw something about boxes that can be different.

Concept Development

Perimeter, area, and volume are all ways to measure geometric shapes. This table shows one possible shape for which you could find the perimeter, the area, or the volume. Use the table to list what you know about perimeter, area, and volume. Fill in as much as you can. A few ideas have been filled in for you. Compare your list with other students. See how much more you can add to your charts.

	Perimeter	Area	Volume
			
What the measurement is			
How to find the measurement for the shape shown			
Formula(s) for the shape shown			
Kinds of shapes			cube, pyramid, any 3-D shape
Example units			
Situation the measurement could be used for			
Related words	circumference border length		