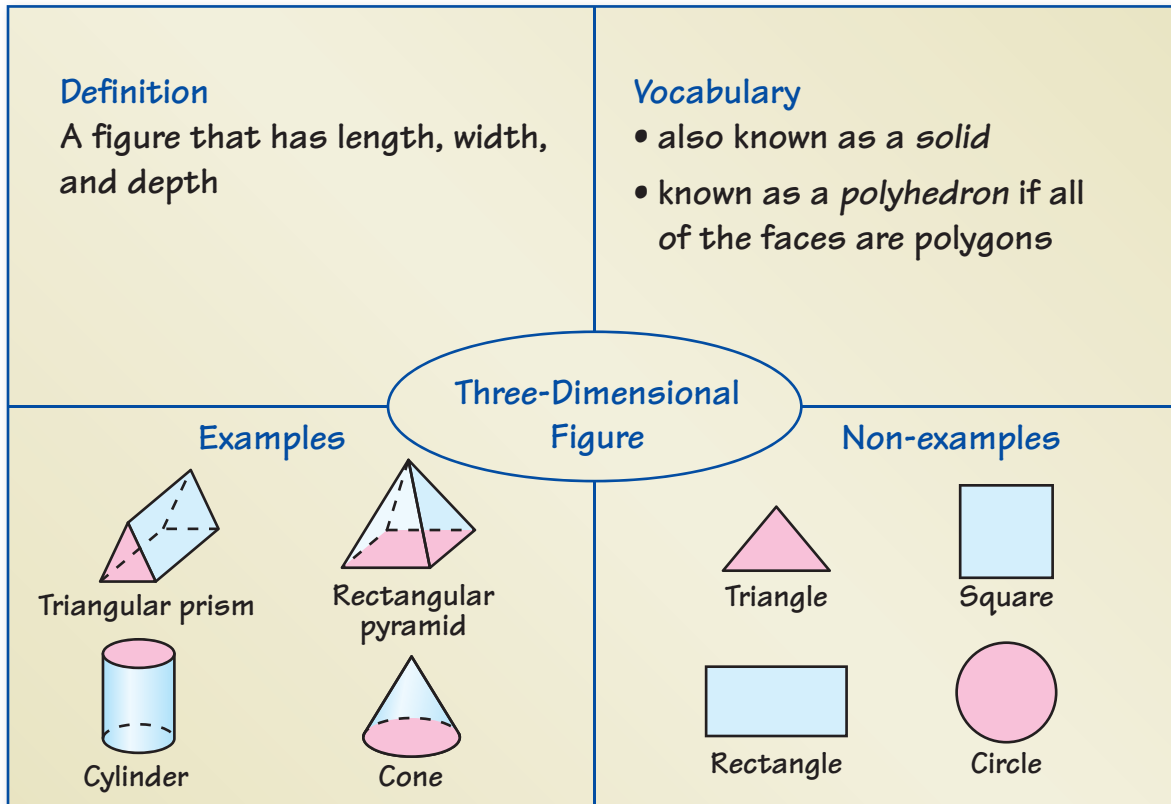Check It Out
Graphic Organizer
BigIdeasMath V.com

You can use a **four square** to organize information about a topic. Each of the four squares can be a category, such as *definition*, *vocabulary*, *example*, *non-example*, *words*, *algebra*, *table*, *numbers*, *visual*, *graph*, or *equation*. Here is an example of a four square for a three-dimensional figure.

Definition
A figure that has length, width, and depth

Vocabulary
• also known as a *solid*
• known as a *polyhedron* if all of the faces are polygons

Three-Dimensional Figure

Examples

Triangular prism

Rectangular pyramid

Cylinder

Cone

Non-examples

Triangle

Square

Rectangle

Circle

On Your Own

Make a four square to help you study these topics.

1. polyhedron
2. prism
3. pyramid
4. cylinder
5. cone
6. drawing a solid
7. surface area

   a. of a prism   b. of a cylinder

After you complete this chapter, make four squares for the following topics.

8. surface area

   a. of a pyramid   b. of a cone   c. of a composite solid

Definition
Downhill vehicle for dogs

Examples
• Blue board
• Red board

Skateboard

Visual

Table
| Blue | 7 mph |
| Red | 9 mph |

Nine miles *purr* hour. Cool!

"My **four square** shows that my new red skateboard is faster than my old blue skateboard."