Lesson 11-7

Example 1 Classify Three-Dimensional Figures
For the figure below, identify the shape of the bases. Then, classify the figure.

The figure has two bases which are congruent circles. It has no vertices and no edges. The figure is a cylinder.

Example 2 Classify Three-Dimensional Figures
For the figure below, identify the shape of the base. Then, classify the figure.

The figure has one base which is a square. It has four lateral faces that are triangles. The figure is a square pyramid.

Example 3 Classify Three-Dimensional Figures
CEREAL Classify the shape of a box of cereal.

A box of cereal has two bases that are congruent rectangles and four lateral faces that are rectangles. The cereal box is a rectangular prism.