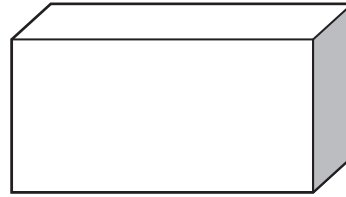


Relating Solids and Shapes

For **1** through **4**, use the rectangular prism pictured at the right.

- 1.** How many faces does this rectangular prism have?

- 2.** What are the shapes of each of the faces?



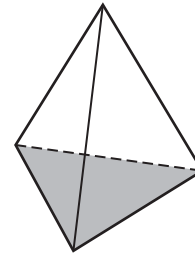
- 3.** How many edges does this rectangular prism have?

- 4.** How many vertices does this rectangular prism have?

For **5** through **8**, use the pyramid pictured at the right.

- 5.** How many faces does this pyramid have?

- 6.** What are the shapes of each of the faces?



- 7.** How many edges does this pyramid have?

- 8.** How many vertices does this pyramid have?

- 9. Explain It** How could you describe a cylinder to someone who has never seen one?

- 10.** Which two figures have the same number of faces, edges, and vertices?

- | | |
|---------------------------------------|-------------------------------------|
| A Cylinder and pyramid | C Pyramid and cube |
| B Rectangular prism and sphere | D Rectangular prism and cube |