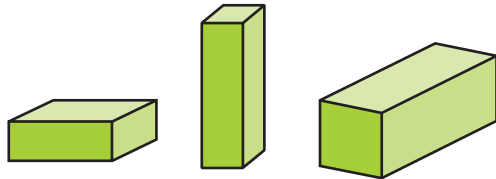


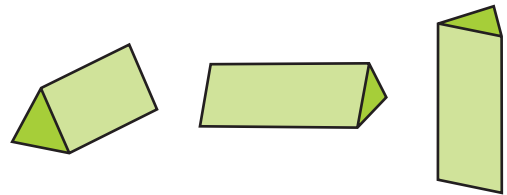
## Figure Safari

NCTM Standards 3, 6, 7, 9, 10

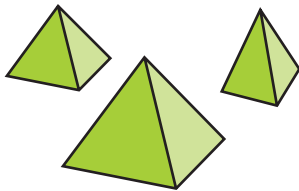
Write the name of the three-dimensional figure that matches each clue. Use the names below. Some names will not be used.



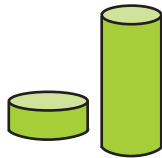
rectangular prisms



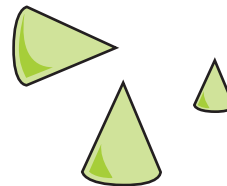
triangular prisms



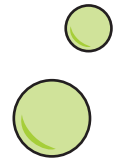
pyramids



cylinders



cones



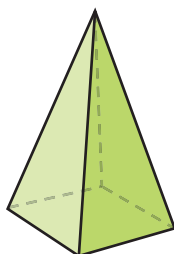
spheres

Clue	Name
1 ✓ I have more than 1 pair of parallel faces.	
2 ✓ More than 2 of my faces are triangles.	
3 ✓ I have exactly 2 flat surfaces.	
4 ✓ I have 9 edges.	

Use the figures from the class Figure Zoo.  
Write the letters of the figures that match  
each set of clues.

Clues	Figures
<p><b>5</b> ✓ One face is flat on the table.            ✓ My top is also level.            ✓ Those 2 top and bottom faces            are not the same size.</p>	
<p><b>6</b> ✓ Some of my faces have            exactly 1 pair of parallel sides.            ✓ All my other faces            are rectangles.</p>	
<p><b>7</b> ✓ All my faces are            parallelograms.            ✓ Some, but not all, of my faces            are squares.</p>	
<p><b>8</b> ✓ At least 2 of my faces are            quadrilaterals.            ✓ At least 2 of my faces            are triangles.</p>	
<p><b>9</b> ✓ I have fewer than 12 edges.</p>	

**10 Challenge** Use the diagram to complete the sentences.



I have \_\_\_\_\_ triangular faces.

I have \_\_\_\_\_ rectangular face.

I am a \_\_\_\_\_.