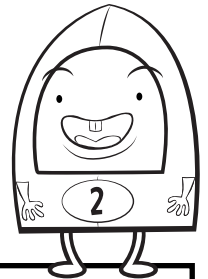
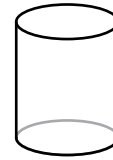


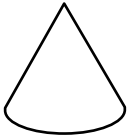
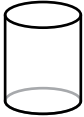
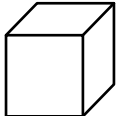
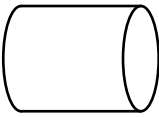
ANSWERS**Characteristics of Cylinders**

A **cylinder** is a round 3-dimensional shape that:

- has two circular bases
- has one curved side

**Part 1 - Is it a Cylinder?**

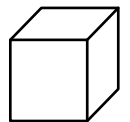
Directions: Look at the shapes and decide whether or not each is a cylinder. Then explain how you know. Be sure to mention the characteristics!

Shape	Is it a cylinder?	Explanation
	No	This shape is not a cylinder because it only has one circular base, while a cylinder has two circular bases.
	Yes	This shape is a cylinder because it has two circular bases and has one curved side.
	No	This shape is not a cylinder because it has straight edges, while a cylinder only has curved edges. The cube has square bases and the cylinder has circular bases.
	Yes	This shape is a cylinder because it has two circular bases and has one curved side.

Part 2 - Compare Shapes

Directions: Compare the shapes and answer the questions that follow.

What do the two shapes have in common? What is different about the two shapes?



The cylinder and the cube are both 3-D shapes. Both shapes have flat bases, but the cylinder has round bases, while the cube has square bases. The cube has straight edges and the cylinder has a curved line.