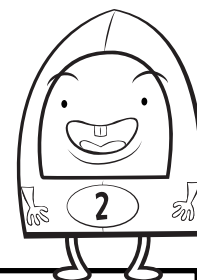



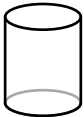
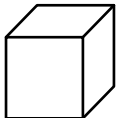

ANSWERS**Characteristics of Cones**

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

- has a circular base, or bottom
- comes to a point at the top

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

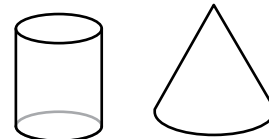
Directions: Look at the shapes and decide whether or not each is a cone. Then explain how you know. Be sure to mention the characteristics!

Shape	Is it a cone?	Explanation
	Yes	This shape is a cone because it has one circular base and it comes to a point at the top.
	No	This shape is not a cone because it has two circular bases, while a cone only has one.
	Yes	This shape is not a cone because there is no circular base. Instead, this shape has square bases and is called a cube.
	Yes	This shape is a cone because it has one circular base and it comes to a point at the top.

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?



Both shapes have circular, or round, bases. However, the main difference is that the cone only has one base while the cylinder has two bases.