Identifying Geometric Solids
Cross-Curricular Focus: Mathematics

Name: _____

Geometric solids are three-dimensional figures. They are not flat, like paper. They are more like every day objects. We can hold them in our hands. Let's look at some of the most common geometric solids.

A cube has six square **faces**. It also has eight **vertices**.

A rectangular prism has six rectangular **faces**. It also has eight **vertices**.

A square pyramid has one square **face** and four triangular **faces**. It has five **vertices**.

A cone has a circle for a base. It has a single **vertex** on the top.

A cylinder has a circle on both the top and bottom, and curved sides.

A sphere is like a ball.

Answer the following questions based on the reading passage. Don't forget to go back to the passage whenever necessary to find or confirm your answers.

1) Is a geometric solid flat?

_____

_____

2) How many faces does a square pyramid have? What shape are they? _____

_____

_____

3) If a geometric solid has circles on both top and bottom, and curved sides, which solid is it?

_____

4) Which geometric solid is shaped the same as dice for playing a board game? _____

_____

5) How many vertices does a cone have?

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