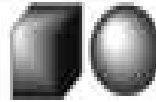


Identifying Geometric Solids

Cross-Curricular Focus: Mathematics



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.

Name: _____

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?
