Identifying Geometric Solids

Cross-Carrievlar Porus Hathemetics



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 <u>cube</u> 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 <u>cone</u> has a circle for a base. It has a single **vertex** on the top.



A <u>cylinder</u> has a circle on both the top and bottom, and curved sides.



A sphere is like a ball.

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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?

How many faces does a square pyram	id have?
What shape are they?	M 000000+1

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?	

51	How.	many.	vertices	does a	cone	have?
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