



3D Space

Math

Name _____ Class _____ Date _____

Find and draw these 3D solids.
Describe at least two different
features of each solid.



CUBE

- ❖ six, square faces
- ❖ eight corners
- ❖ twelve straight edges



YOU NEED:
★ 3D solids

CYLINDER

- ❖
- ❖
- ❖

SPHERE

- ❖
- ❖
- ❖

PRISM



CONE

PREVIEW

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What shapes are the faces of this pyramid?

How many edges does this pyramid have? _____

How many corners does it have? _____

Find a different pyramid to study.

How many faces does this pyramid have? _____

Are all the faces the same shape? _____

What shapes are the faces of this pyramid?

How many edges does this pyramid have? _____

How many corners does it have? _____

Explain how the two pyramids you studied are:

- the same _____
- different _____

PYRAMID 1

PYRAMID 2



3D Space

Math

ANSWER KEY

Find and draw these 3D solids.
Describe at least two different
features of each solid.



CUBE

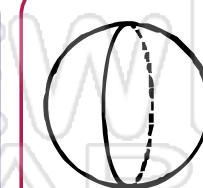
- ❖ six, square faces
- ❖ eight corners
- ❖ twelve straight edges

YOU NEED:
* 3D solids



CYLINDER

- ❖ 3 faces
- ❖ 0 corners
- ❖ 2 edges



SPHERE

- ❖ 0 faces
- ❖ 0 corners
- ❖ 0 edges

PRISM

CONE



PREVIEW

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rectangle triangle

How many edges does this pyramid have? 8

How many corners does it have? 5

Find a different pyramid to study.

How many faces does this pyramid have? 5

Are all the faces the same shape? No

What shapes are the faces of this pyramid?

square triangle

How many edges does this pyramid have? 8

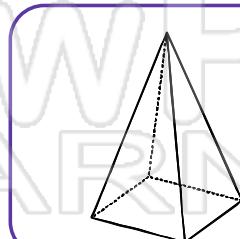
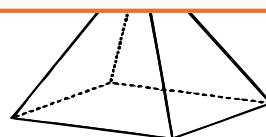
How many corners does it have? 5

Explain how the two pyramids you studied are:

• the same the same number of faces, corners and edges

• different face size, different face shapes

PYRAMID 1



PYRAMID 2