

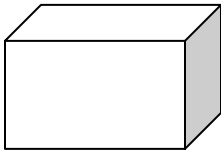
Three-dimensional Figures

Name _____ Date _____

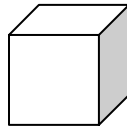
Three-dimensional Figures

Three dimensional figures have a **length**, a **height**, and a **width**. Here are some examples of three-dimensional figures.

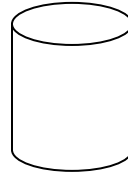
Rectangular solid
(prism)



Cube



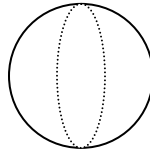
Cylinder



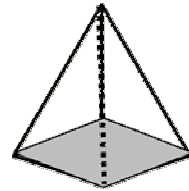
Cone



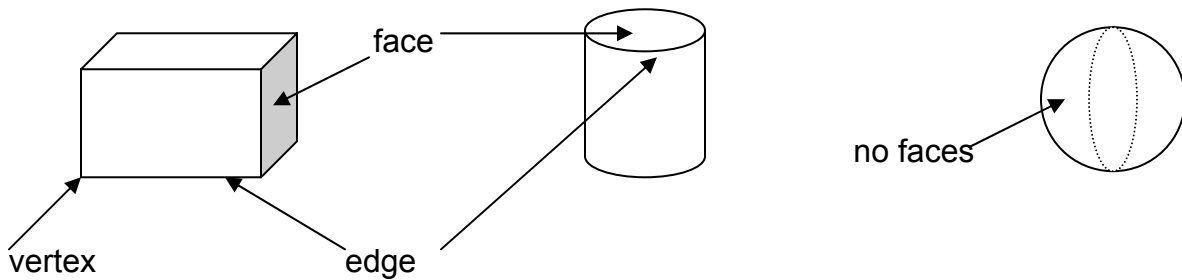
Sphere



Pyramid



Flat surfaces are called **faces**.
The faces meet at an **edge**.
The edges meet at a corner, called a **vertex**

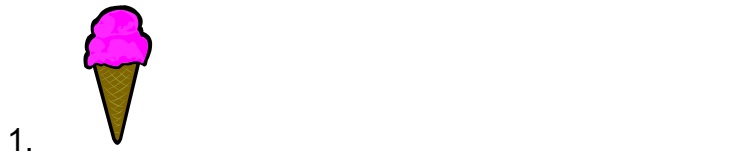


Three-dimensional Figures

Name _____ Date _____

Look at the items below. Label the figures correctly.

cone	rectangular solid	cube	cylinder	pyramid	sphere
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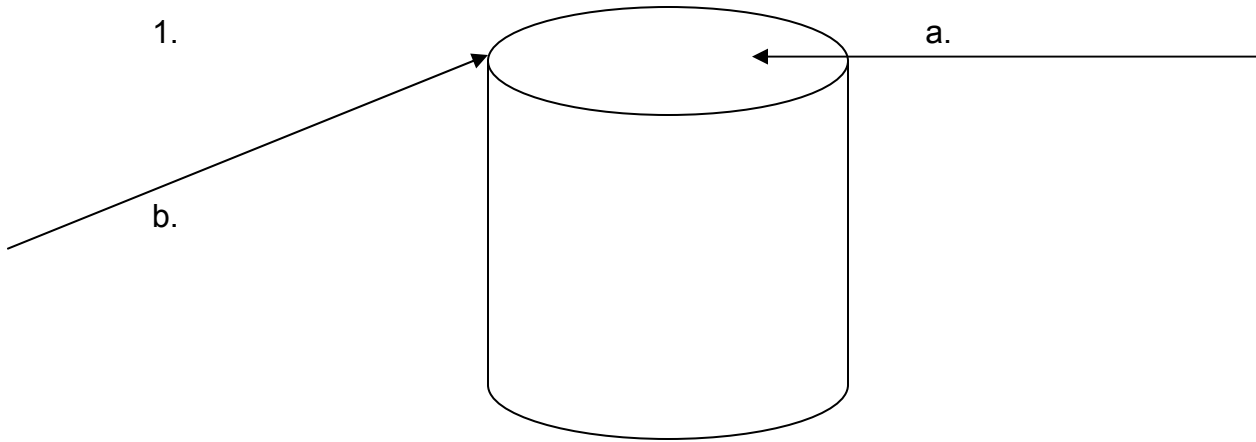


Three-dimensional Figures

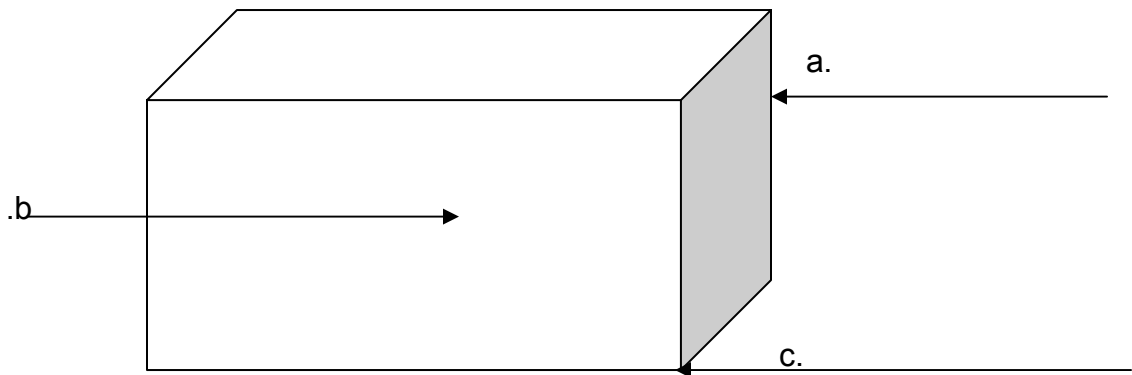
Name _____ Date _____

Identify the parts of the figures below.

1.



2.



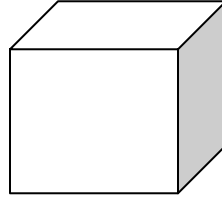
Explain what is alike and what is different about these two objects.

Three-dimensional Figures

Name _____ Date _____

Let's count!

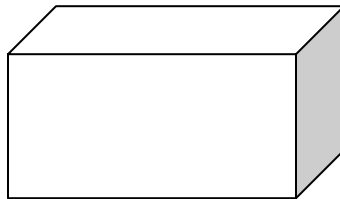
Look at the cube. Count the faces.



How many faces does the cube have? _____

How did you get your answer?

Look at this rectangular prism (solid).



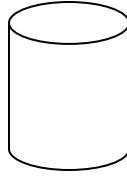
How many vertices does the rectangular prism have? _____

How did you get your answer?

Three-dimensional Figures

Name _____ Date _____

1. What is this figure called?

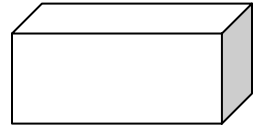


- a. cone
- b. rectangular prism
- c. cylinder
- d. cube

2. What shape are the faces on a cube?

- a. circle
- b. square
- c. hexagon
- d. pentagon

3. What is the total number of faces on this rectangular prism (solid)?



- a. 3
- b. 4
- c. 6
- d. 8

4. How many edges does a cone have?

- a. 1
- b. 2
- c. 3
- d. 4

5. Which of these figures has no faces?

- a. cube
- b. sphere
- c. cone
- d. pyramid

6. Which items is a cylinder?

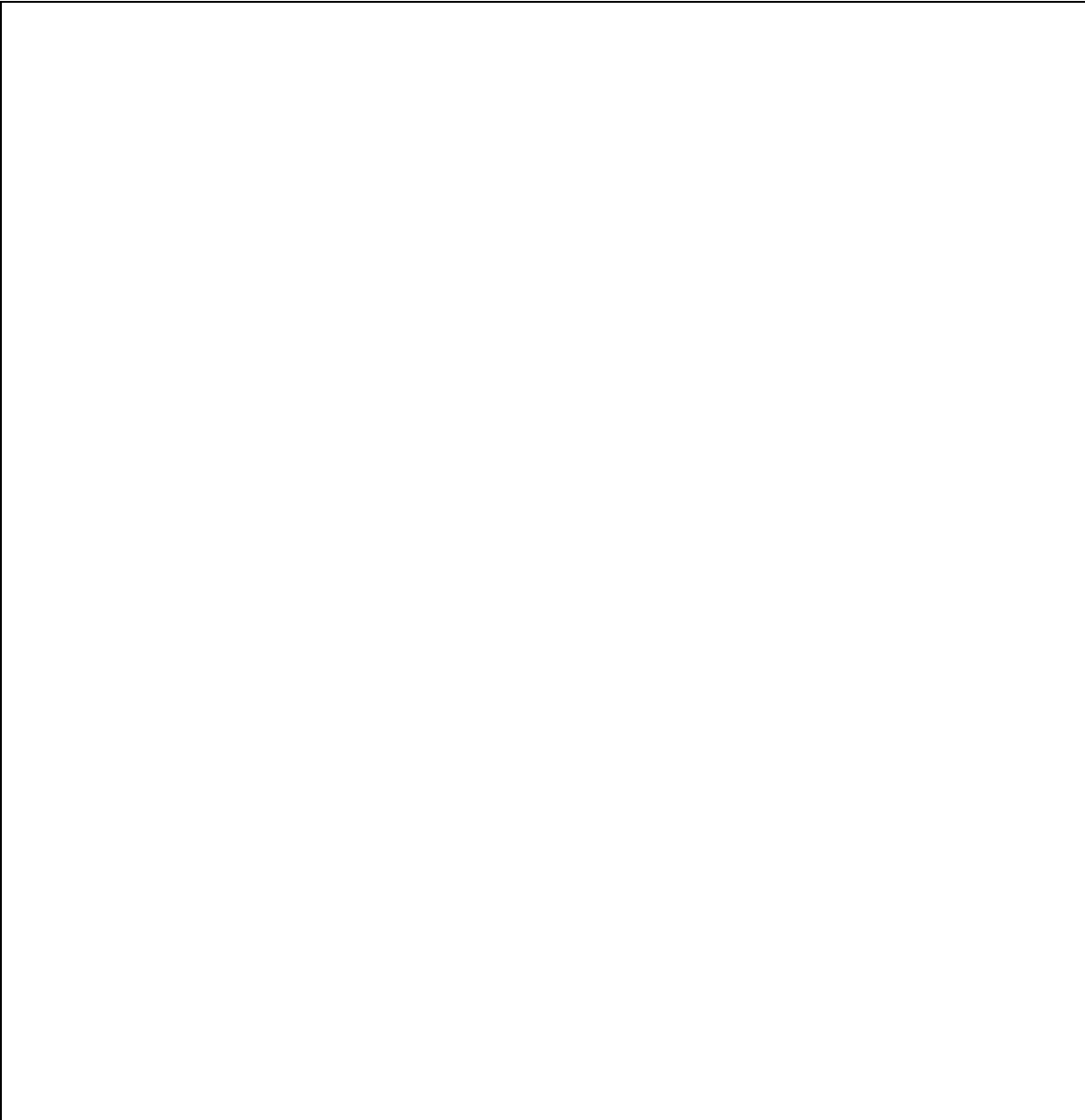
- a. basketball
- b. gift box
- c. can of beans
- d. ice cream cone

Three-dimensional Figures

Name _____ Date _____

Draw a picture using three-dimensional figures. Put the letter of the figure on each figure in your pictures.

- A. cone
- B. sphere
- C. cube
- D. rectangular prism (solid)
- E. cylinder
- F. pyramid



Three-dimensional Figures

Name _____ Date _____

Answers

Page 2.

1. cone
2. rectangular solid
3. sphere
4. cylinder
5. cube
6. pyramid

Page 3

1. a. face
b. edge
2. a. edge
b. face
c. vertex

The rectangular solid has faces, vertices and edges. The cylinder has faces and edges.

Page 4.

cube: 6 faces
rectangular solid: 8 vertices

Page 5. 1. c

2. b
3. c
4. a
5. b
6. c

Page 6. Pictures will vary