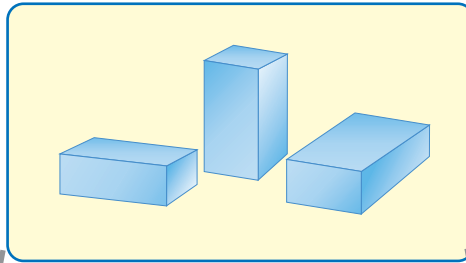


# Exploring Three-Dimensional Figures

NCTM Standards 3, 6, 7, 8, 9, 10

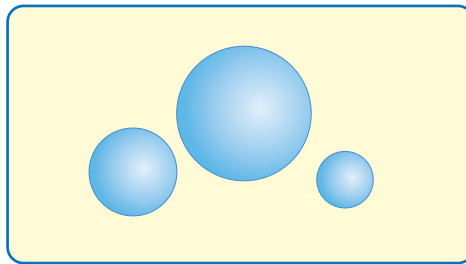
I. Match the figures to their names and to words that describe them.

cones ●



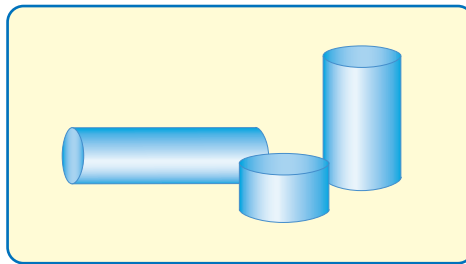
● have circles

cylinders ●



● have rectangles

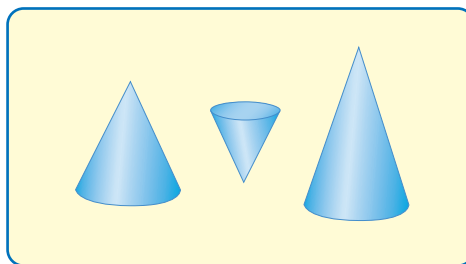
rectangular prisms ●



● have pointy corners

● have all flat sides

spheres ●



● have a curved side



**NOTE:** Your child is learning to identify and compare three-dimensional figures. Ask your child to find examples of each of these figures in your home.

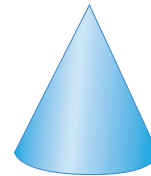
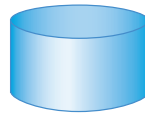
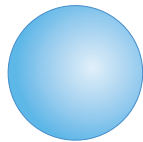
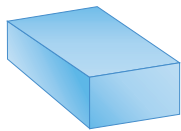
 2. How are a cone and a cylinder different?

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3. Circle the figures that have a flat side.



4. Give an example of something from the grocery store that has about the same shape.

sphere \_\_\_\_\_

cone \_\_\_\_\_

rectangular prism \_\_\_\_\_

cylinder \_\_\_\_\_

5. How many square faces does a cube have? \_\_\_\_\_

### Challenge

6. How many faces are hidden?

\_\_\_\_\_ faces

7. How many corners are hidden?

\_\_\_\_\_ corner

