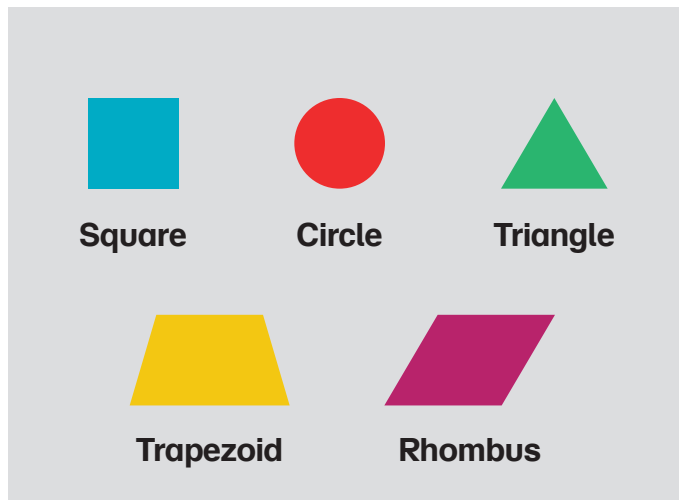


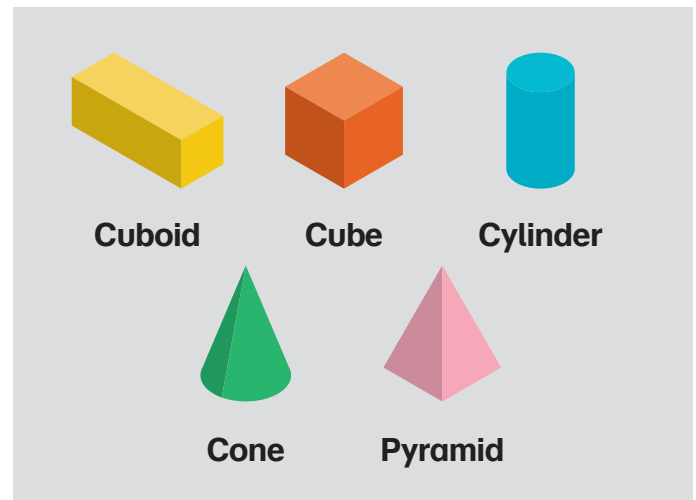
Home Connection

In Chapter 8, your child will describe and sort two-dimensional shapes and identify those shapes on the faces of three-dimensional solids. They will also describe shapes through patterns and show how shapes can be used to make other shapes. Manipulating shapes by flipping, rotating, and sliding them will help your child develop visual-spatial awareness and lay the foundation for later geometry concepts.

Two-dimensional Shapes



Three-dimensional Solids

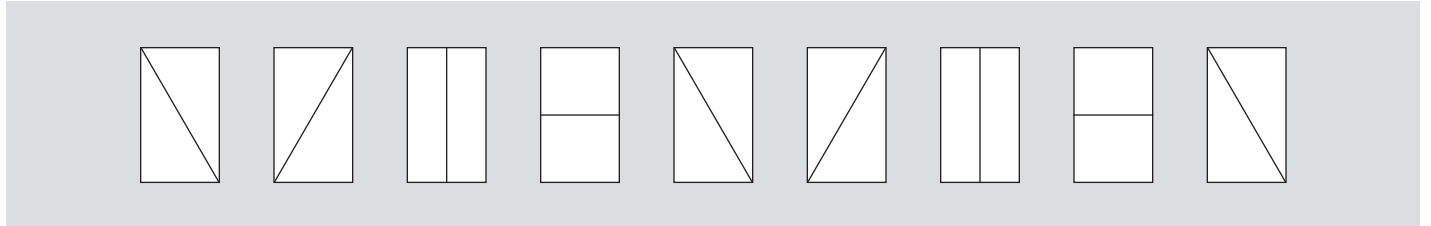


Your child will group two-dimensional shapes based on the number of corners and straight sides. They will then create patterns based on shapes and their attributes: size, color, and orientation.

What can we do at home?

- Look for and identify 2D and 3D shapes in your world. Notice the shapes at the playground, in your home, at the store, and as you drive around town.
- Play “I Spy” using shapes. For example, you could take turns saying, “I spy with my little eye something that has 3 straight sides.” Guesses are made until the object has been identified.

- Draw shape patterns and have your child both describe the pattern and tell the next three shapes in the pattern:



- Build and create figures using a tangram set. One has been included on the last page of this letter. The books *Three Pigs, One Wolf and Seven Magic Shapes* by Grace Maccarone and *Grandfather Tang's Story* by Ann Tompert are fun introductions to tangrams.

Cut on the solid lines.

