UNIT 02 / 14 · LEARN & TRY

Toy Joy

Name: _____ Date: _____

Goal: Describe and build models using properties of solid shapes.

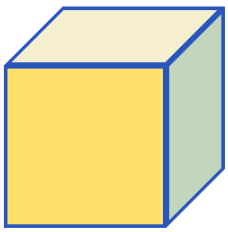
Learn

Pick up a toy block, a small box, a ball and a drum-shaped object. Turn each one. Which have flat faces? Which have a curved surface? A corner of a solid is called a vertex. More than one are called vertices.

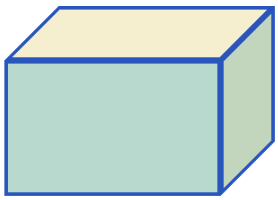
Worked example

A cube has 6 flat square faces and 8 vertices. A ball has a curved surface and no vertices. Test how a block and a ball move on a flat surface.

Meet the shapes in your toy box

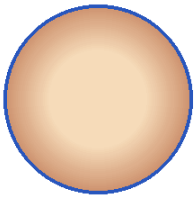


Cube



Cuboid

Cylinder



Sphere

Think of a block, a small box, a drum and a ball. Turn real objects to inspect their surfaces.

1. How many vertices does a cube have?