



3-D Shapes

Mrs. Hunter told students in her class that they were going to begin learning about 3-D shapes by going on a shape hunt.


Before the shape hunt, Fern and Miguel discussed how 2-D shapes are different from 3-D shapes.





Fern

I think that 3-D shapes are different because you can fill them.



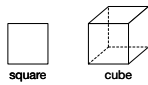
Miguel

A 2-D shape is flat and a 3-D shape is not.

Discuss

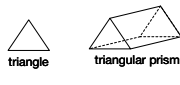
Compare the two shapes. Tell how they are different from each other.

1.




square cube

2.



triangle triangular prism



Three-dimensional shapes have depth as well as length and width.

Copyright © Kendall Hunt Publishing Company

314 SG • Grade 3 • Unit 11 • Lesson 6 3-D Shapes

Student Guide

3-D Shapes (SG p. 314) Questions 1–2

1. *Answers will vary. Possible responses: The first shape has one square and the other has 6 squares. The first shape has 4 edges and the other has 12.
2. *Answers will vary. Possible responses: The first shape has one triangle and the other has 2 triangles and 3 rectangles. The first has 3 corners and the other has 6.

3-D Shape Hunt at Home (SG p. 315) Answers will vary.

Student Guide - Page 314

3-D Shape Hunt at Home


Homework


Dear Family Member:


Help your child find objects at home to add to the class 3-D shape collection. See the shapes shown below. Search for as many different examples as possible. We will use the collection of shapes in class to look at properties of three-dimensional shapes and discuss their similarities and differences.

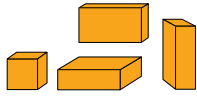
Thank you.


Search for objects at home that have these three-dimensional shapes. Find as many different shapes as you can.



sphere



cube

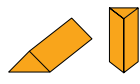

cylinder


rectangular prisms


cone


rectangular pyramid


triangular pyramid


triangular prisms

Copyright © Kendall Hunt Publishing Company

3-D Shapes SG • Grade 3 • Unit 11 • Lesson 6 315

Student Guide - Page 315

*Answers and/or discussion are included in the lesson.