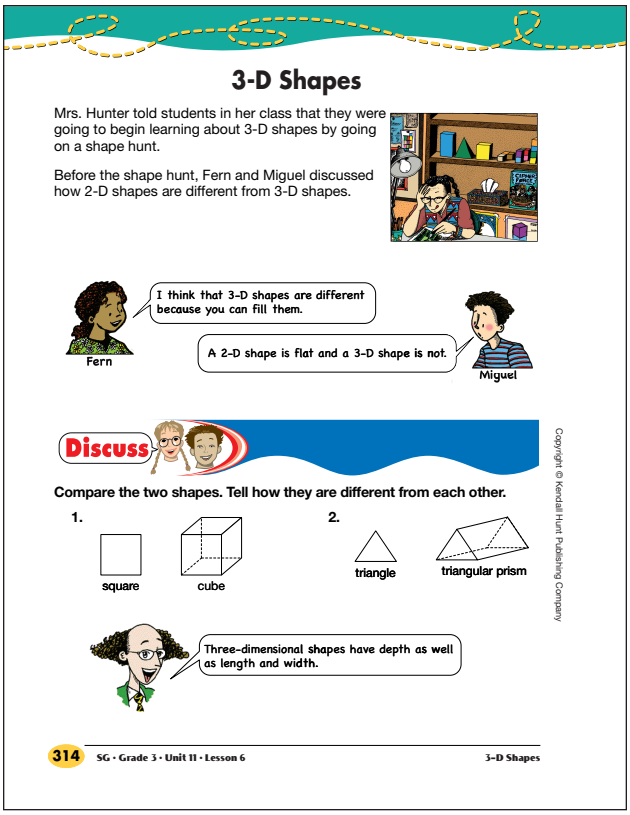

3-D Shapes

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.

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

Fern

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

Miguel

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.

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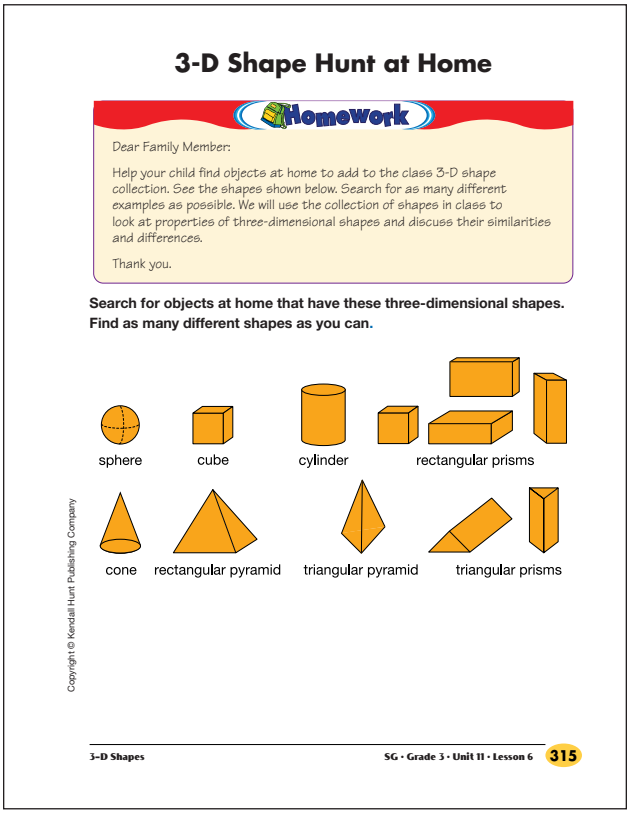
Student Guide - Page 314



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

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Student Guide - Page 315

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.

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

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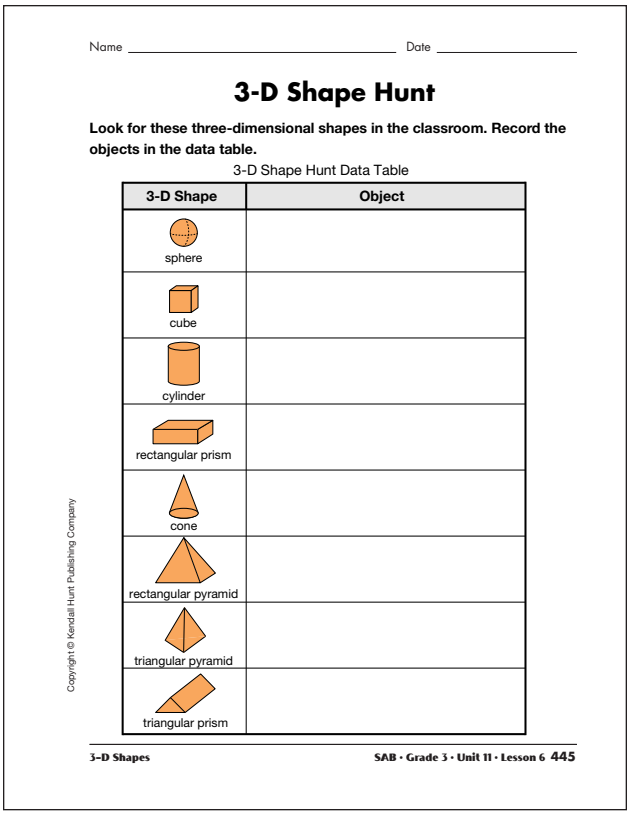
3-D Shape Hunt* (SAB p. 445)

See Figure 1 in the lesson for some samples.

Sketch 3-D Shapes (SAB pp. 447–448)

Answers will vary. Possible responses include: drawings of a globe, cereal box, can of soup, ice cream cone, tissue box, party hat, baseball)



Name _____ Date _____

3-D Shape Hunt

Look for these three-dimensional shapes in the classroom. Record the objects in the data table.

3-D Shape Hunt Data Table

3-D Shape	Object
sphere	
cube	
cylinder	
rectangular prism	
cone	
rectangular pyramid	
triangular pyramid	
triangular prism	

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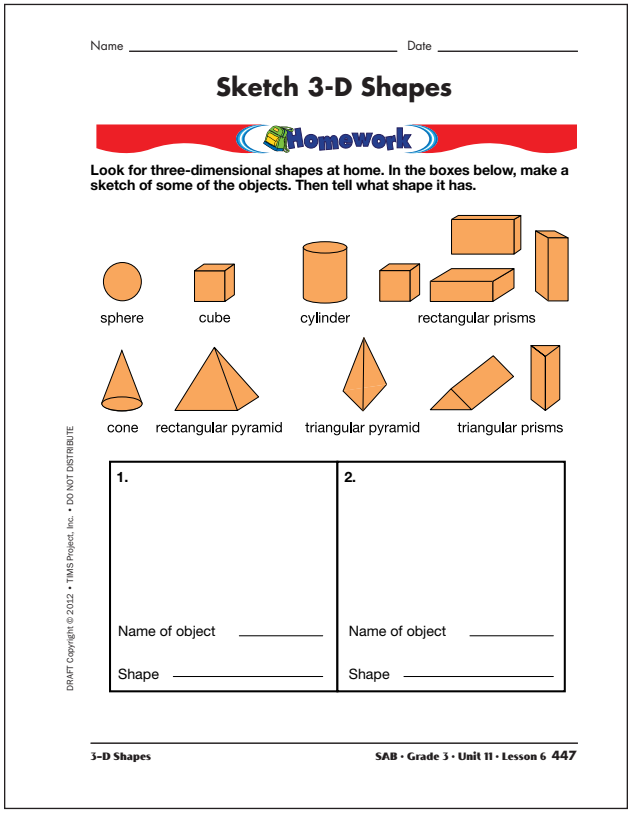
3-D Shapes SAB • Grade 3 • Unit 11 • Lesson 6 445

Student Activity Book - Page 445



Name _____ Date _____

Sketch 3-D Shapes

Homework

Look for three-dimensional shapes at home. In the boxes below, make a sketch of some of the objects. Then tell what shape it has.

sphere cube cylinder rectangular prisms

cone rectangular pyramid triangular pyramid triangular prisms

1.	2.
Name of object _____ Shape _____	Name of object _____ Shape _____

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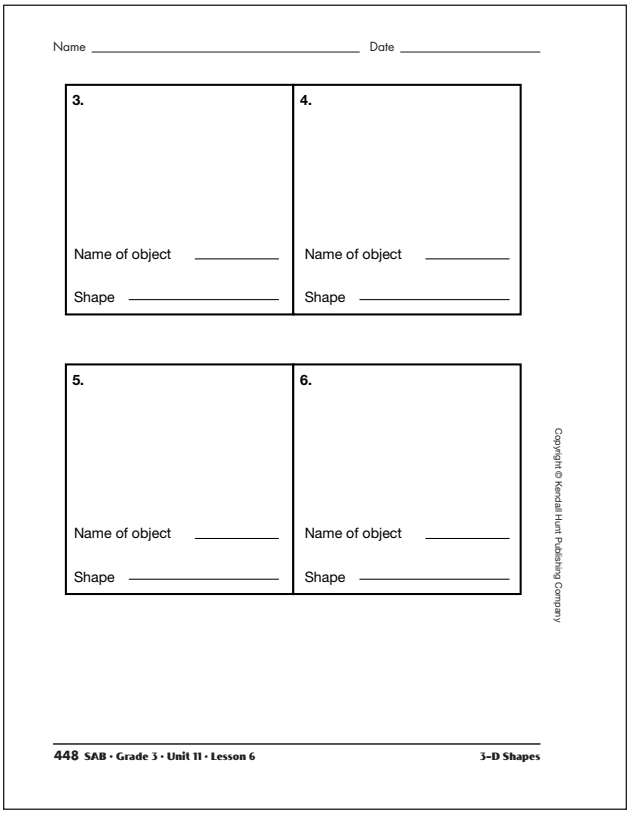
3-D Shapes SAB • Grade 3 • Unit 11 • Lesson 6 447

Student Activity Book - Page 447



Name _____ Date _____

3.	4.
Name of object _____ Shape _____	Name of object _____ Shape _____

5.	6.
Name of object _____ Shape _____	Name of object _____ Shape _____

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448 SAB • Grade 3 • Unit 11 • Lesson 6 3-D Shapes

Student Activity Book - Page 448

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