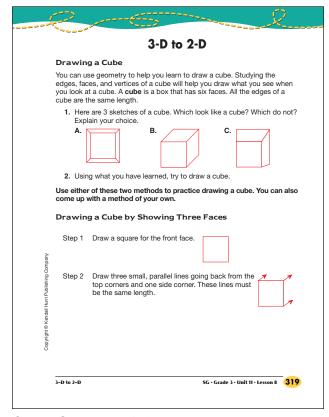
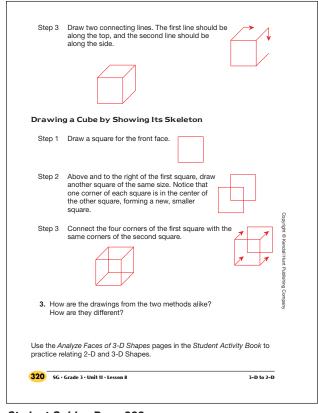
Student Guide

3-D to 2-D (SG pp. 319–320) Questions 1–3

- I.* B, See the lesson.
- **2–3.*** Answers will vary.



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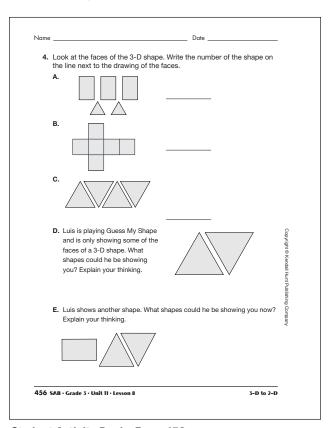


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^{*}Answers and/or discussion are included in the lesson.

	Analyze Faces	of 3-D Shapes
Draw 1	the following 3-D Shapes.	
1. [Oraw a rectangular prism that is no	ot a cube.
2. [Draw a triangular prism.	
Use the answer	neck-In: Questions 3-4 the numbered and labeled shapes or the following questions. Use the numbers to list the shapes han one shape with that property, isted more than once.	s with each property. If there is
Use the answer	te numbered and labeled shapes or the following questions. Use the numbers to list the shapes han one shape with that property,	s with each property. If there is
Use the answer	the numbered and labeled shapes or the following questions. Use the numbers to list the shapes than one shape with that property, isted more than once.	s with each property. If there is
Use the answer	the numbered and labeled shapes or the following questions. Jee the numbers to list the shapes han one shape with that property, isted more than once. A. parallel triangular faces	s with each property. If there is
Use the answer	ue numbered and labeled shapes or the following questions. Jse the numbers to list the shapes han one shape with that property, isted more than once. A. parallel triangular faces 3. eight corners	s with each property. If there is
Use the answer	ue numbered and labeled shapes or the following questions. Jse the numbers to list the shapes han one shape with that property, isted more than once. A. parallel triangular faces 3. eight corners C. six congruent faces	s with each property. If there is
Use the answer 3. Use the life of the life	ue numbered and labeled shaper or the following questions. Jse the numbers to list the shaper han one shape with that property, isted more than once. A. parallel triangular faces 3. eight corners C. six congruent faces D. opposite faces are congruent	s with each property. If there is
Use the answer 3. It is in the second	ue numbered and labeled shaper or the following questions. Jse the numbers to list the shaper han one shape with that property, isted more than once. A. parallel triangular faces 3. eight corners C. six congruent faces D. opposite faces are congruent E. no parallel faces	s with each property. If there is
Use the answer	ue numbered and labeled shaper or the following questions. Jse the numbers to list the shaper han one shape with that property, isted more than once. A. parallel triangular faces 3. eight corners C. six congruent faces D. opposite faces are congruent E. no parallel faces F. triangular faces are not parallel	s with each property. If there is

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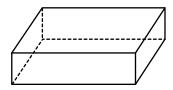


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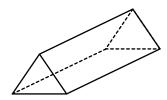
Student Activity Book

Analyze Faces of 3-D Shapes (SAB p. 455–456) Questions 1–4

I. Responses will vary.



2. Responses will vary.



- **3. A.** 2, 3
 - **B.** 1, 6, 10
 - **C.** 1
 - **D.** 1, 2, 3, 4, 6, 7, 8, 10, 11, 12
 - **E.** 5, 7, 8, 9, 12
 - **F.** 7, 8, 12
 - **G.** 4, 9
 - **H.** 1, 2, 3, 6, 10, 11
 - **I.** 7, 8, 9, 12
- **4. A.** 3, triangular prism
 - **B.** 1, cube
 - C. 8, triangular pyramid
 - **D.** Possible response: Luis could be showing a triangular prism, a square pyramid, a triangular pyramid, or a hexagonal pyramid. All of these shapes have triangular faces.
 - E. Possible response: Luis could be showing a triangular prism or a rectangular pyramid. The triangular prism has two congruent triangles and a rectangle as a face.