Student Guide

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

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

	3-D to) 2-0
Drawin	ng a Cube	
edges, fac you look a	ces, and vertices of a cube wil	n to draw a cube. Studying the II help you draw what you see when It has six faces. All the edges of a
	e are 3 sketches of a cube. Wi plain your choice.	hich look like a cube? Which do not
Α.	B	C.
2. Usir	ng what you have learned, try	to draw a cube.
	er of these two methods to pra with a method of your own.	actice drawing a cube. You can also
Drawin	ng a Cube by Showing T	hree Faces
Ctop 1	Draw a square for the front f	face.
Step 1		
Step 1	Draw three small, parallel lin top corners and one side co be the same length.	

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Step 3	Draw two connecting lines. The first line should be along the top, and the second line should be along the side.
	g a Cube by Showing Its Skeleton
Step 1	Draw a square for the front face.
Step 2	another square of the same size. Notice that one corner of each square is in the center of the other square, forming a new, smaller square.
Step 3	Connect the four corners of the first square with the same corners of the second square.
	v are the drawings from the two methods alike?
	nalyze Faces of 3-D Shapes pages in the Student Activity Book to slating 2-D and 3-D Shapes.
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