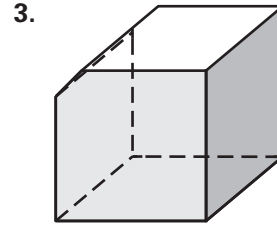
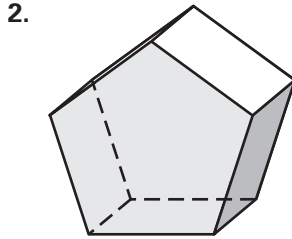
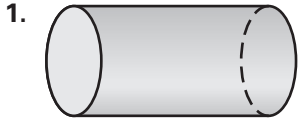


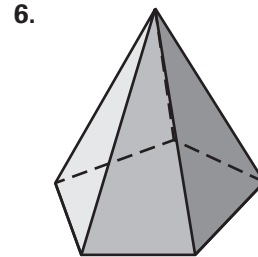
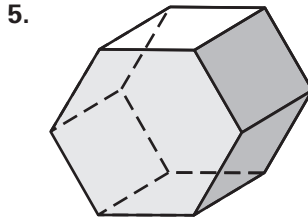
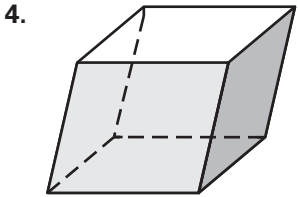
Practice B

For use with pages 719–726

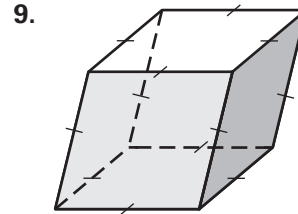
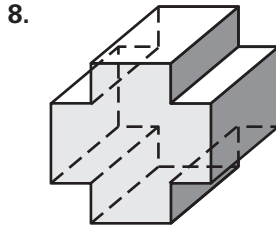
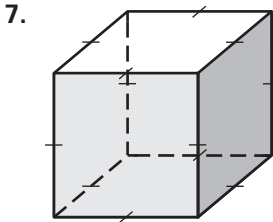
Tell whether the solid is a polyhedron. Explain your reasoning.



Count the number of faces, vertices, and edges of the polyhedron.



Decide whether the polyhedron is regular and/or convex. Explain.



Use Euler's Theorem to find the unknown number.

10. Faces: ?

Vertices: 6

Edges: 12

11. Faces: 5

Vertices: ?

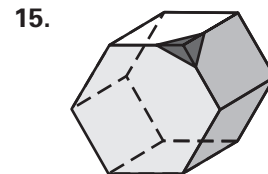
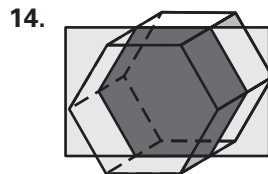
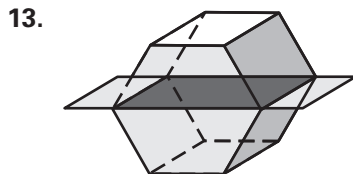
Edges: 8

12. Faces: 7

Vertices: 10

Edges: ?

Describe the cross section.



16. Draw a cube. Sketch an example of how the cross section could be

a. a square.

b. a rectangle.

c. a triangle.

d. a trapezoid.