REVIEW: Faces, Edges, and Vertices

Name _____

Key Concept and Vocabulary

face — A face is a flat surface.

edge

vertex

Visual Model

6 faces

12 edges

8 vertices

Skill Examples

1.

5 faces

8 edges

5 vertices

2.
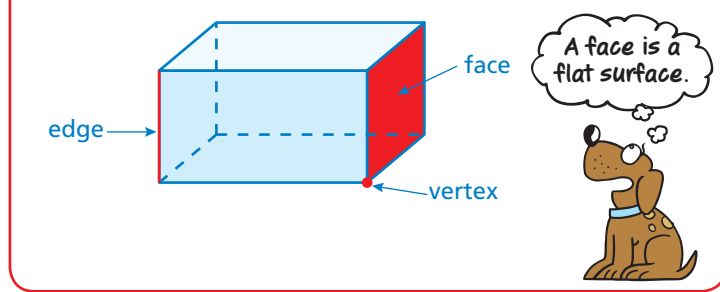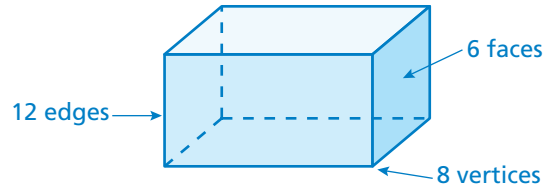
4 faces
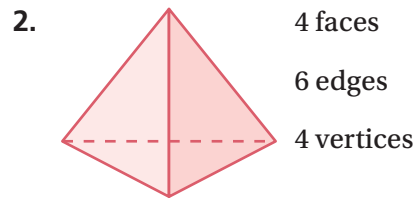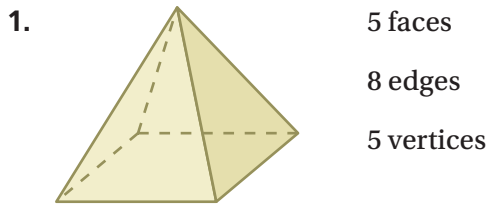
6 edges

4 vertices

PRACTICE MAKES *PURR*-FECT®

Check your answers at BigIdeasMath.com.

Find the numbers of faces, edges, and vertices.
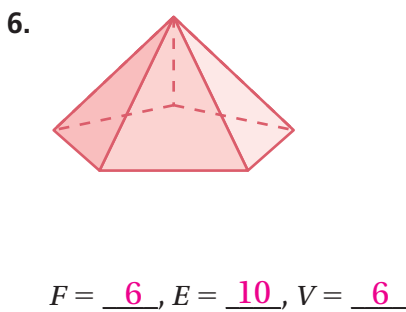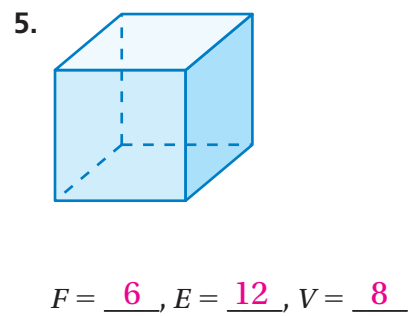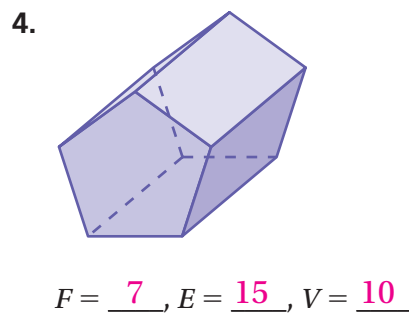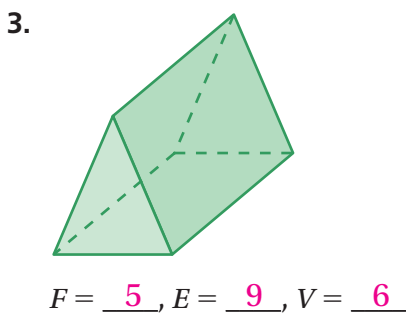
3.

$F =$ __5__ , $E =$ __9__ , $V =$ __6__

4.

$F =$ __7__ , $E =$ __15__ , $V =$ __10__

5.

$F =$ __6__ , $E =$ __12__ , $V =$ __8__

6.

$F =$ __6__ , $E =$ __10__ , $V =$ __6__

7.

$F =$ __0__ , $E =$ __0__ , $V =$ __0__

8.

$F =$ __8__ , $E =$ __12__ , $V =$ __6__
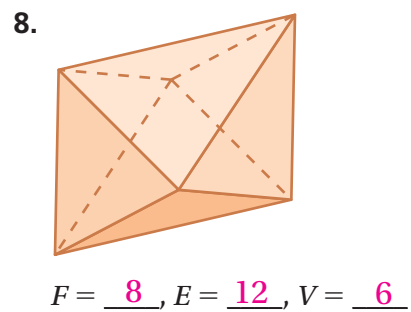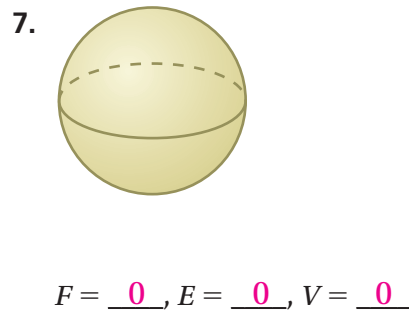
9. NUMBER CUBE You roll a number cube. How many faces, edges, and vertices does the number cube have? _____ 6 faces, 12 edges, 8 vertices _____