Name

Geometry
2.G.1

My Homework

Lesson 5
Faces, Edges, and Vertices

Homework Helper

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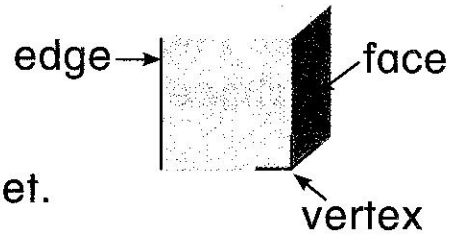
Three-dimensional shapes are described by the number of faces, edges, and vertices.

A face is a flat surface.

An edge is where 2 faces meet.

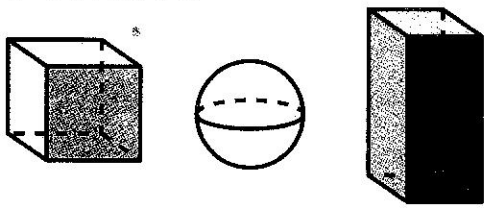
A vertex is where 3 or more faces meet.



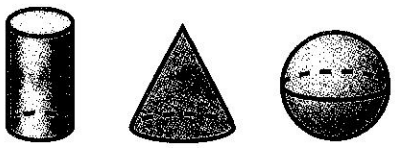
Practice

Circle the shapes or objects that matches the description.

1. 6 faces, 12 edges, 8 vertices



2. 0 faces, 0 edges, 0 vertices



3. 5 faces, 8 edges, 5 vertices

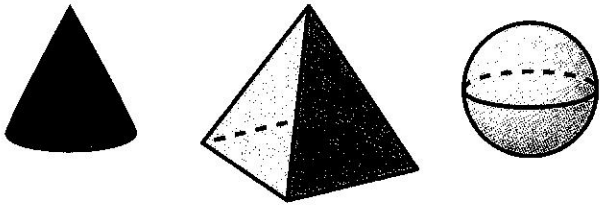
4. 6 faces, 12 edges, 8 vertices

Circle the objects that match the descriptions.

5. 6 faces, 12 edges, 8 vertices

6. 0 faces, 0 edges, 0 vertices

7. I am a three-dimensional shape. I have 5 faces. I have 8 edges and 5 vertices. What shape am I?



Vocabulary Check

Complete each sentence.

face **edge** **vertex**

8. A _____ is a flat surface.

9. A _____ is where 3 or more faces meet.

10. An _____ is where 2 faces meet.

Math at Home Have your child identify real-life objects in your home that have the same shape as one of the shapes learned in this lesson.