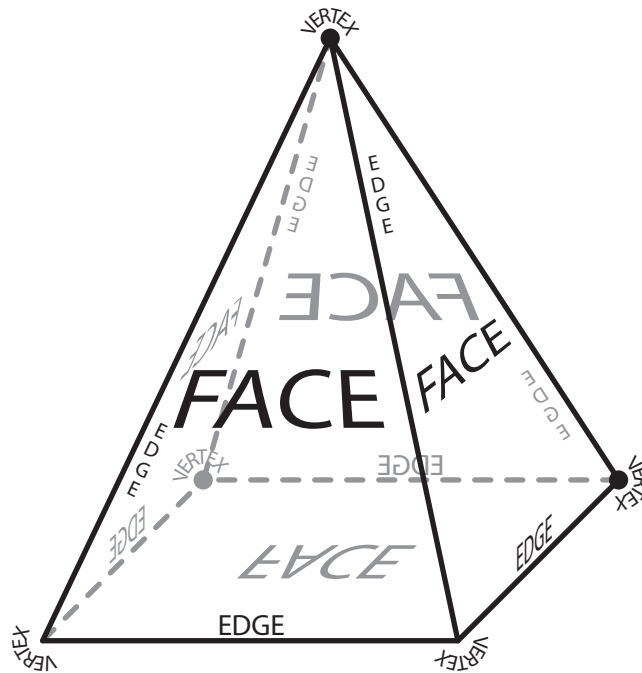
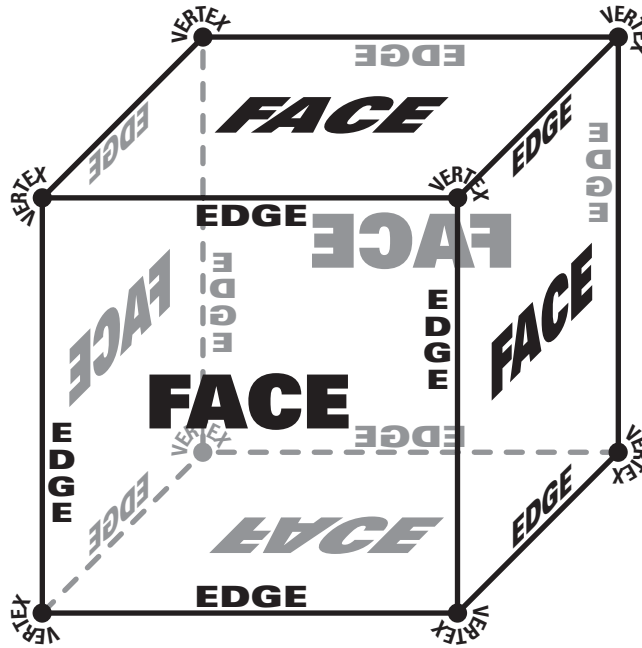


Face: A flat surface of a three-dimensional figure.

Edge: Any of the line segments that make up a polygon.

Vertex: The point on an angle where the two lines intersect.

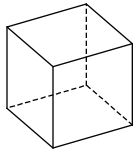




INDEPENDENT PRACTICE 1

Objective 4.8 C

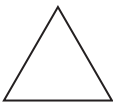
1 How many faces does this shape have?



- A 6
- B 4
- C 8
- D 10

2 Which shape has exactly 6 edges and 6 vertices?

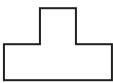
F



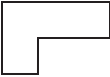
H



G



J

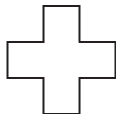


3 Which figure has the least edges?

A



C



B



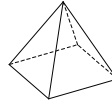
D



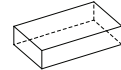
4 Which shape is the table describing?

Vertices	Edges	Faces
5	8	5

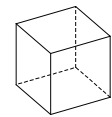
F



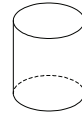
H



G

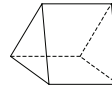


J

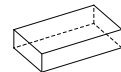


5 Which figure has the most faces?

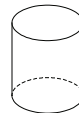
A



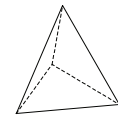
C



B

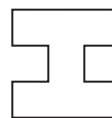


D

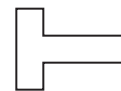


6 Which shape has exactly 5 vertices and 5 edges?

F



H



G



J



SCIENCE *fact*

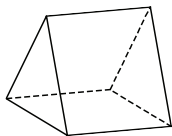
Coprolites, or fossilized dung, are used by paleontologists to determine what animal the dung came from, whether or not it was a herbivore, and what species they fed on.



INDEPENDENT PRACTICE 2

Objective 4.8 C

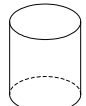
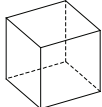
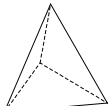
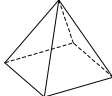
1 How many edges does this shape have?







- A 7
- B 9
- C 11
- D 5

2 Which figure is the table describing?

Vertices	Edges	Faces
8	12	6



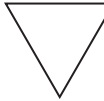

- F 
- G 
- H 
- J 

3 Which shape has exactly 10 vertices and 10 edges?

- A 
- B 
- C 
- D 

4 Which figure is the table describing?

Vertices	Edges
6	6

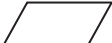

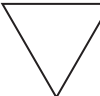

- F 
- G 
- H 
- J 

5 How many vertices does this figure have?



- A 8
- B 10
- C 12
- D 14

6 Which figure has the most vertices?

- F 
- G 
- H 
- J 

SCIENCE *fact*

The study of prehistoric life forms on Earth through the examination of plant and animal fossils is called Paleontology.