

Application_WS_G8_Faces, Edges, Vertices, and Euler's Formula

Use **Euler's Formula** to find the missing value. $F + V = E + 2$

Faces: ?

Edges: 15

Vertices: 9

Faces: 12

Edges: ?

Vertices: 10

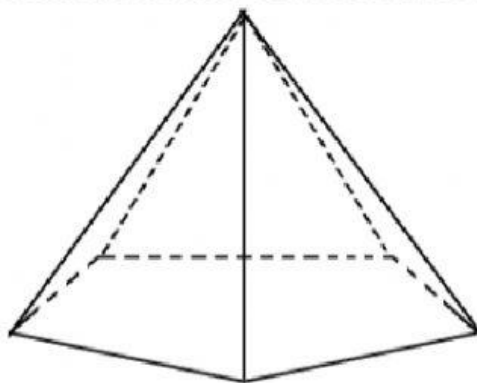
Faces: 6

Edges: 12

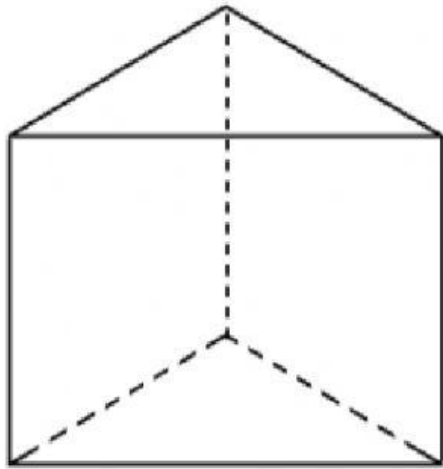
Vertices: ?

| NAME OF 3D SOLID | NUMBER OF FACES (F) | NUMBER OF VERTICES OR CORNERS (V) | NUMBER OF EDGES (E) | F + V |
|------------------|---------------------------|--|---------------------------|-------|
| CUBE | 6 | 8 | 12 | 14 |
| | | | | |

Find the number of vertices, faces, and edges for the figure.



Find the number of vertices, faces, and edges for the figure.



Find the number of vertices, faces, and edges for the figure.

