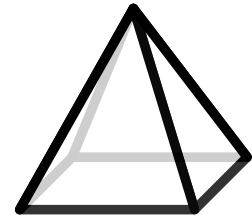


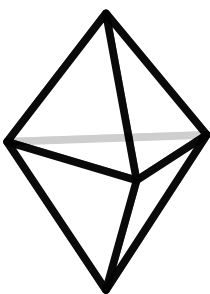
To start studying polyhedra, count the number of vertices, edges and faces. These numbers are written in the f -VECTOR.
The polyhedron on the left has 5 vertices, 9 edges and 6 faces.
Its f -vector is $(V, E, F) = (5, 9, 6)$.

Exercises

1. Count the number of vertices, edges and faces of the pyramid to the right.
Write them down in the f -vector below.
2. Find a polyhedron with the f -vector $(8, 12, 6)$. Draw it!
3. What is the f -vector of your polyhedron? Write it in the profile of your polyhedron.



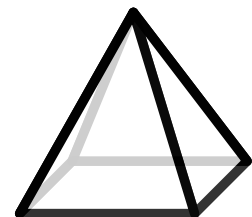
(\quad , \quad , \quad)
 $V \quad E \quad F$



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