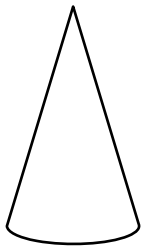
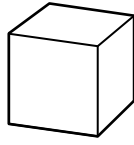


It's Just Solid Fun



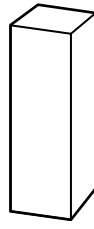
Cone



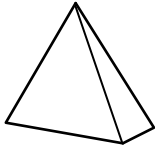
Cube



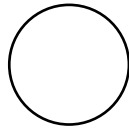
Cylinder



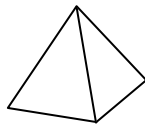
Rectangular prism



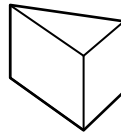
Rectangular pyramid



Sphere



Square pyramid



Triangular prism

Write an equation for each exercise. Use f for the number of faces, e for the number of edges, and v for the number of vertices.

1. In a cube, how does the number of faces compare to the number of edges? _____
2. What is the relationship of the number of edges and the number of vertices in a cube? _____
3. Compare the number of faces in a cube to the number of vertices in a cube. _____
4. In a triangular prism, what is the relationship between the number of faces and the number of edges? _____
5. What equation could you write to compare the number of faces to the number of vertices in a rectangular pyramid? _____
6. In a triangular prism, how does the number of faces compare to the number of vertices? _____
7. What is the relationship between the number of faces in a rectangular pyramid and the number of edges? _____