Polydrons and Polyhedra

1. A <u>polyhedron</u> is a solid shape whose faces are flat and whose edges are straight lines.
   a. How many different polyhedra can you make with the Polydrons?
   b. How many different convex polyhedra can you make?

2. There is a cool pattern that relates the number of <u>faces</u>, <u>edges</u> and <u>vertices</u> (corners) in a polyhedron. Can you find it? (This pattern is called Euler's Formula.)