

# Building Polyhedra

1. Build a polyhedron that has exactly 6 square faces.
2. Build a polyhedron that has exactly 1 square face and 4 triangular faces.
3. Build a polyhedron that has exactly 3 rectangular faces and 2 triangular faces.
4. Build a polyhedron that has exactly 8 corners and 6 faces.
5. Build a polyhedron that has exactly 5 corners and 5 faces.
6. How many differently-shaped polyhedra can you make that have exactly 12 edges?

## Optional

Make a polyhedron that has exactly 6 edges and 4 triangular faces.