Regular Polyhedra Math 282 Computational Geometry

1.	What	types	of regular	polyhedra	have	triangular faces?	
2.	What	types	of regular	polyhedra	have	square faces?	
3.	What	types	of regular	polyhedra	have	pentagonal faces?	
4.	What	types	of regular	polyhedra	have	hexagonal faces?	

Semi-Regular Polyhedra Math 282 Computational Geometry

5. What semi-regular polyhedra can be obtained by truncating the corners of a tetrahedron?

6.	What semi-regular polyhedra can be obtained by truncating the corners of an octahedron?
7.	What semi-regular polyhedra can be obtained by truncating the corners of an icosahedron?
8.	What semi-regular polyhedra can be obtained by truncating the corners of a cube?
9.	What semi-regular polyhedra can be obtained by truncating the corners of a dodecahedron?