

## Regular Polygon Constructions

On a paper to turn in.

Using only a compass and straight edge:

\*No protractors. No 'eyeballing'. I need to see your construction marks!

Use what you know about bisecting segments, measuring with a compass, and the properties of these figures. Make sure you are not just drawing lines that look like they are at  $90^\circ$  angles.

1. Construct an equilateral triangle
2. Construct a square
3. Construct a regular hexagon
4. Construct a regular pentagon (you can use p393 for steps or the internet)