

Homework 8/14 – Due Thursday 8/16 on a paper to turn in.

All constructions must use a compass and straight edge! No protractors! All compass arcs should be smooth and visible.

<p>1. Create segment AB.</p> <ul style="list-style-type: none">• Copy the segment onto a new line using your compass.• Label the copy segment A'B'.	<p>2. Create segment XY.</p> <ul style="list-style-type: none">• Bisect the segment using your compass. (\perp bisector)• Mark the \cong parts of the segment.• Label the midpoint M.
<p>3. Create an angle $\angle QRS$.</p> <ul style="list-style-type: none">• Copy the angle to a new location using your compass.• Label the copy $\angle Q'R'S'$.	<p>4. Create an angle $\angle POT$.</p> <ul style="list-style-type: none">• Bisect the angle with ray OS.• Mark \cong parts of the angle.
<p>5. Construct an equilateral triangle.</p>	<p>6. Construct an Isosceles triangle with a base that is longer than the 2 congruent sides.</p>