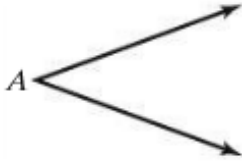


Exam 1 will contain some (not all) of the following constructions. You must complete the construction using only a compass and straight edge for full credit. *These questions will be graded Full/No Credit.*

Each problem will contain the phrase: "Leave all markings and arcs, and label your points."

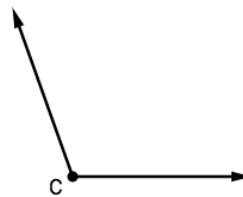
1. Construct an angle congruent to  $\angle A$  inside the box to the right.



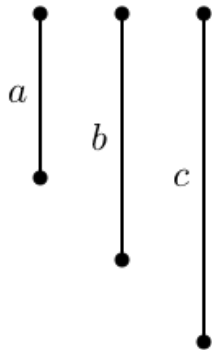
2. Construct the perpendicular bisector of  $\overline{AB}$ .



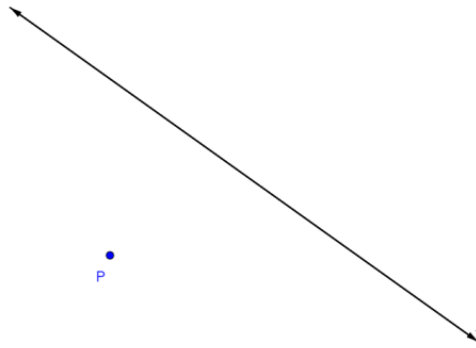
3. Construct the angle bisector of  $\angle C$ .



4. Construct a triangle with side lengths  $a$ ,  $b$ , and  $c$  given below.



5. Construct a line parallel to  $\ell$  through point  $P$ .



6. Construct a line perpendicular to  $\ell$  through point  $P$ .

