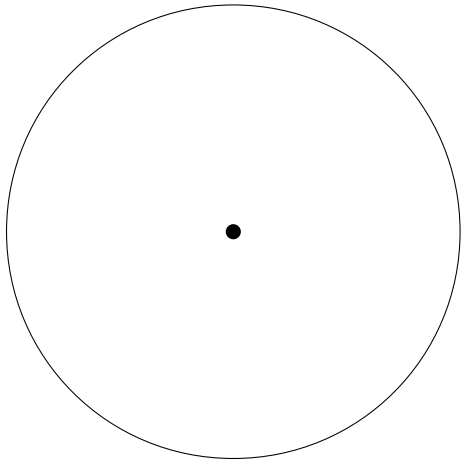


Math 130 Worksheet 1

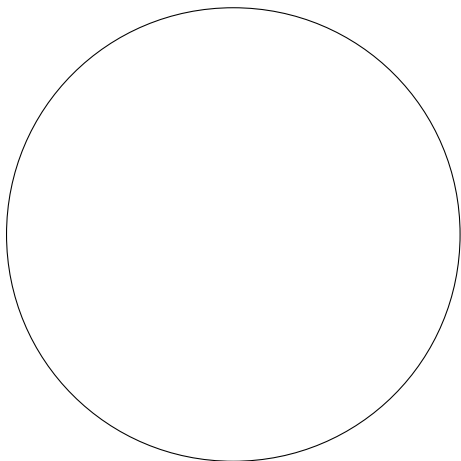
For this exercise, you need two people.

1. Introduce yourself to your partner.
2. Choose one of you to be person A, the other person B. Person A has pencil and paper, but can only do what person B says – and only if it is a legal ruler-and-compass move, or uses a construction we did yesterday.

Person B: tell person A step-by-step how to construct a regular hexagon inscribed in a circle with given center.



3. Now switch roles, so that person B has the pencil. Person A, tell Person B how to find the center of this circle. (this is trickier, you can work together at first if you want).



... if you finish early, try to figure out how to construct a circle inscribed in a given triangle