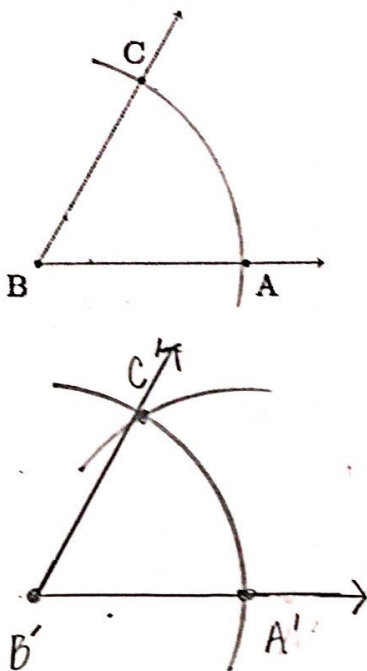


Name: Key Period: \_\_\_\_\_ Date: \_\_\_\_\_

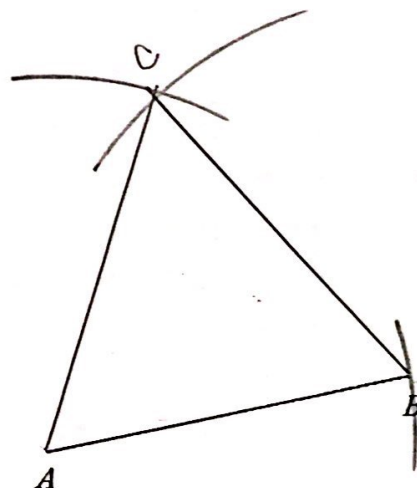
## 1.2 Constructions Problems using Basic Constructions

Work on these problems using your neighbors as a resource if you are stuck. You can do all these problems using the four basic constructions learned in section 1.2. This activity will be graded as daily work and is due at the end of class. Remember, you can only use compass and straight edge!

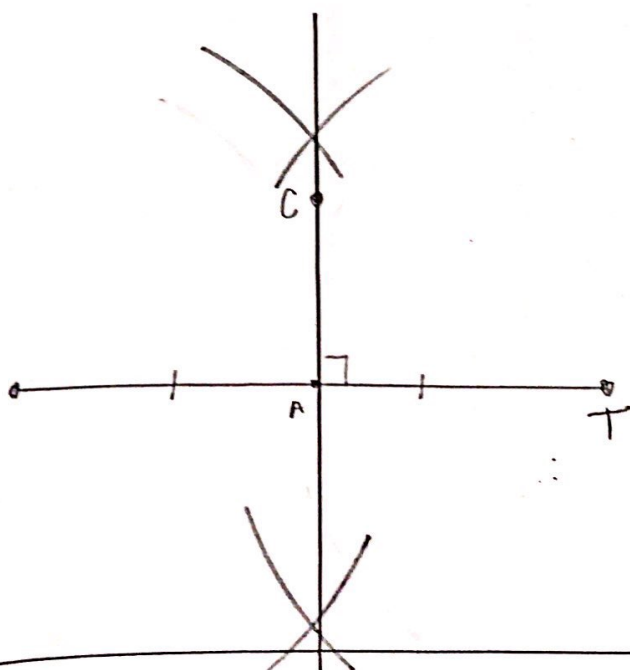
1. Copy the angle below and label it  $\angle A'B'C'$ .



2. Construct an equilateral triangle with sides congruent to  $\overline{AB}$  below. (Equilateral means all sides are congruent).



3. Construct a  $90^\circ$  angle and label it  $\angle CAT$ .



4. Construct a  $45^\circ$  angle and label it  $\angle DOG$ .

