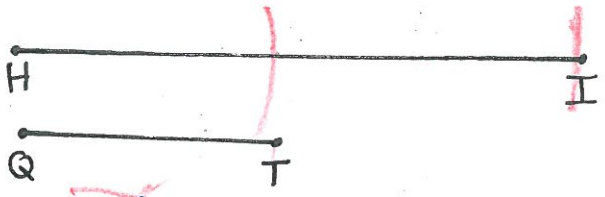
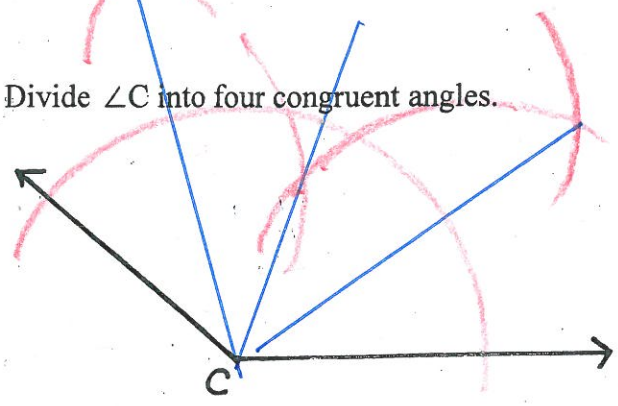
Constructions Day #4

Person practicing for pending Quiz: my class

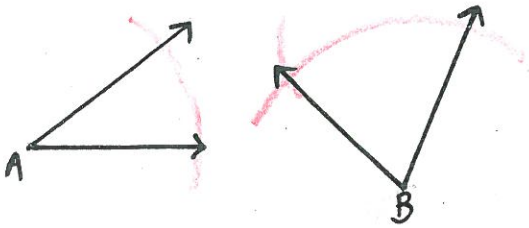
1. Construct a segment with a length that is the difference between the given two segments.

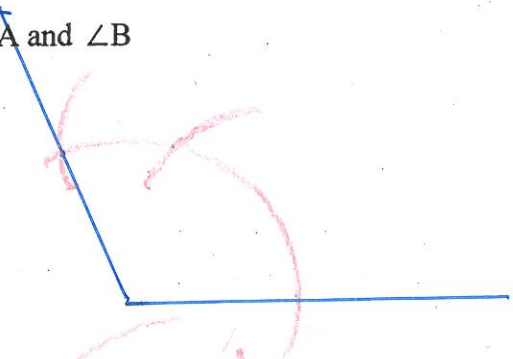


2. Divide $\angle C$ into four congruent angles.

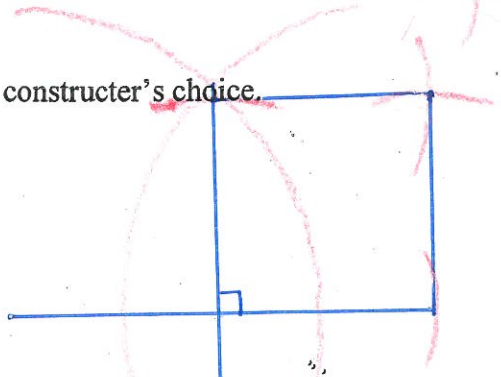


3. Construct an angle with a measure equal to the sum of $\angle A$ and $\angle B$





4. Construct a square. The length of the sides is constructer's choice.



5. The hypotenuse of a right triangle is the side opposite the right angle; the hypotenuse is not one of the sides forming the right angle. Use constructions to make a right triangle with $\overline{AB}$ the hypotenuse.