Construction 6. Copy $\triangle ABC$ onto a given ray $\overrightarrow{DE}$.

$\triangle A'B'C'$ has the same lengths as $\triangle ABC$.

1) Copy $\overline{AB}$ onto $\overrightarrow{DE}$

2) Draw circle, center $A'$, length $AC$

3) Draw circle, center $B'$, length $BC$

4) Mark intersection, called $C'$.

Note: This construction can be used to copy angles, too. See HW.