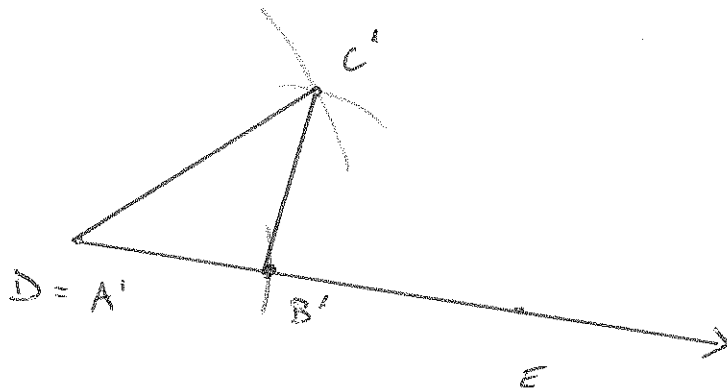
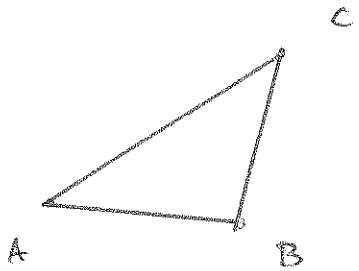


Construction 6.

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.