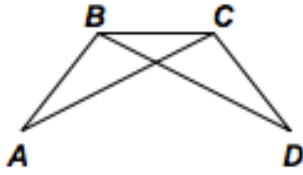


Let's separate and redraw the indicated triangles. We will then identify any **common** angles or sides.

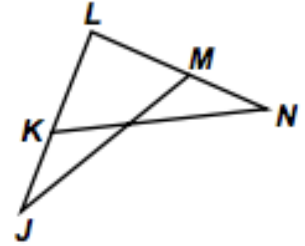
7. $\triangle ABC$ and $\triangle DCB$



8. $\triangle EFG$ and $\triangle HGF$



9. $\triangle JML$ and $\triangle NKL$

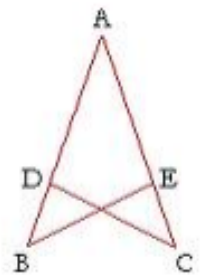


Let's practice some proofs that involve **overlapping** triangles. Remember! It can be helpful to highlight what you are attempting to prove.

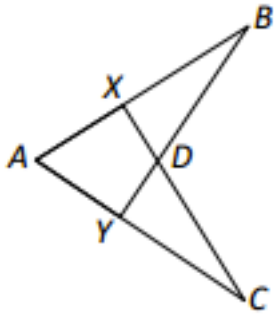
When working with overlapping triangles, try to draw the triangles separately!

1.) Given: $BE \cong CD$
 $\angle BEA \cong \angle CDA$

Prove: $\angle B \cong \angle C$



2. **Given:** $AX \cong AY$, $CX \perp AB$, $BY \perp AC$
Prove: $AB \cong AC$



3.

- Given:** $FH \cong GE$, $\angle HFG \cong \angle EGF$
Prove: $\triangle GEH \cong \triangle FHE$

