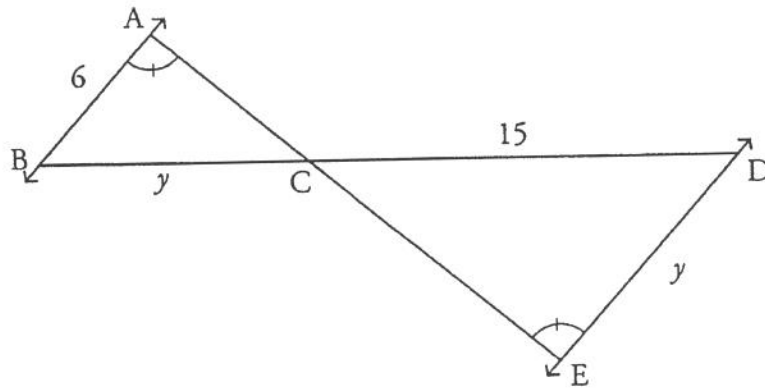


Similar Triangles



In her geometry class, Karen constructed the figure above in which \overline{AB} is parallel to \overline{ED} and $\angle A \cong \angle E$. The two triangles in the figure are similar.

- Name the two similar triangles (with vertices in correct order).
- Explain why the two triangles are similar.
- What is the measure of y ? Show your procedure.