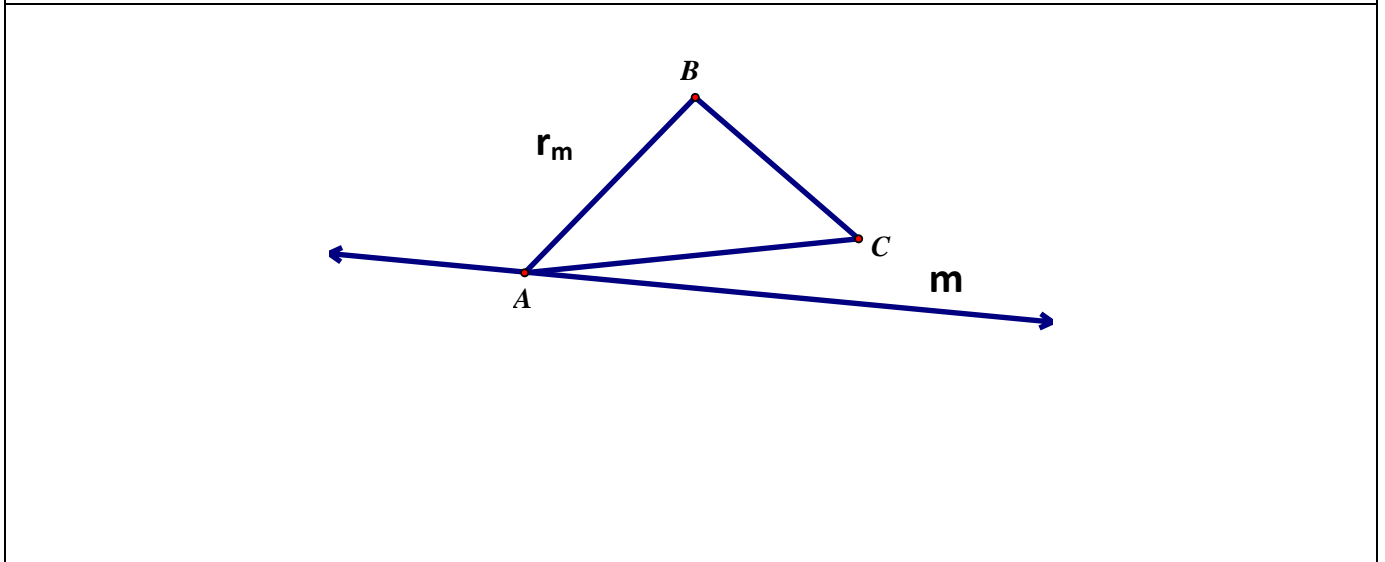
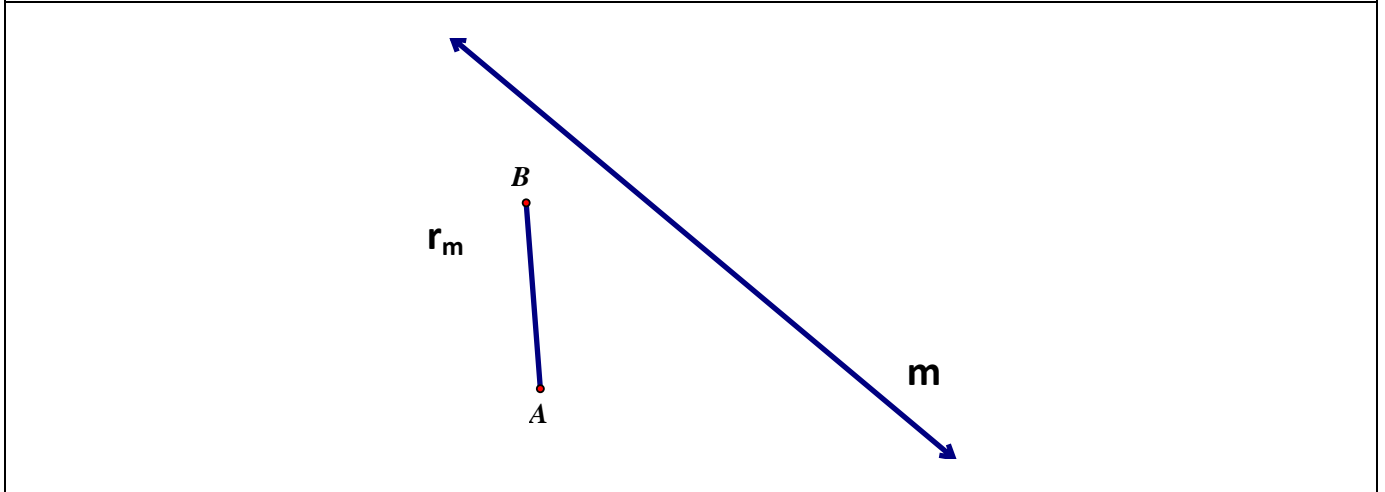
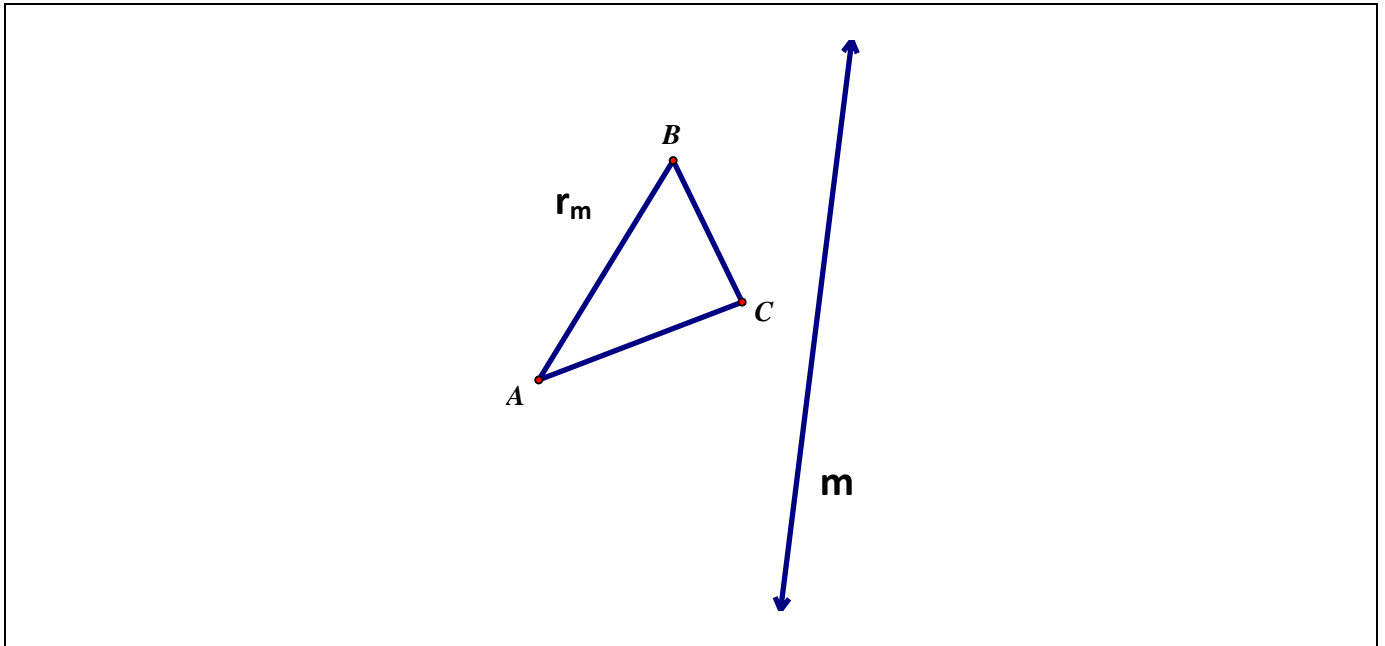
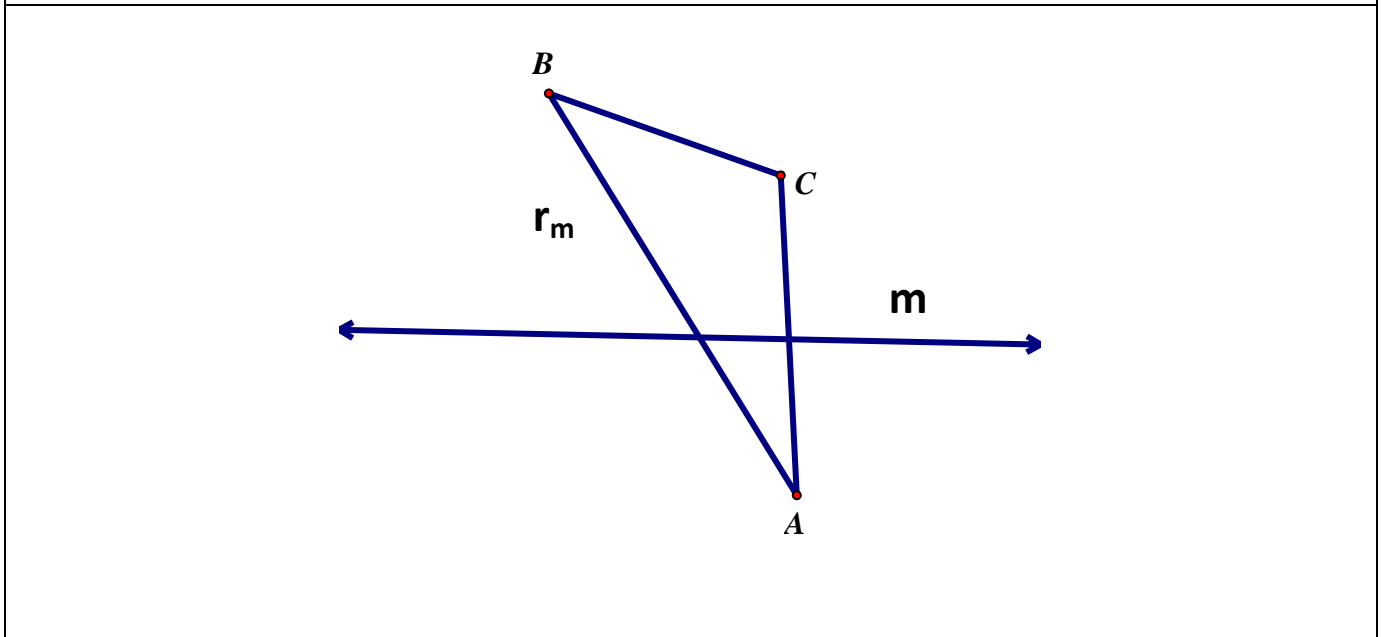
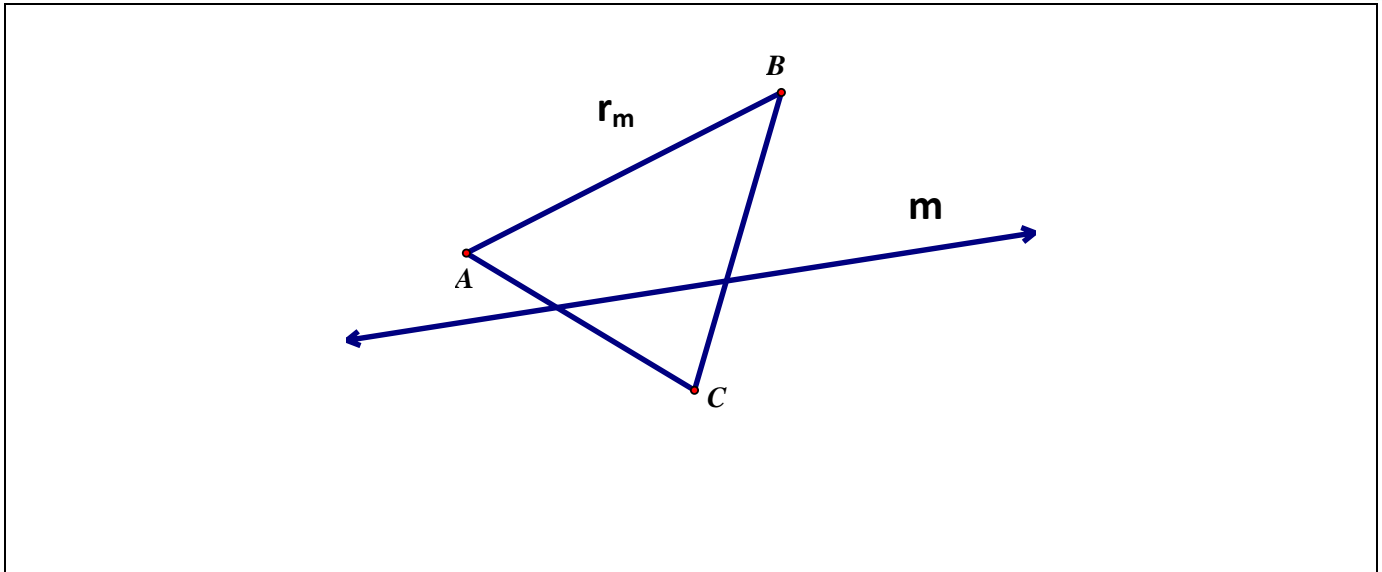


1) Use a compass and a straightedge to construct the following reflections.



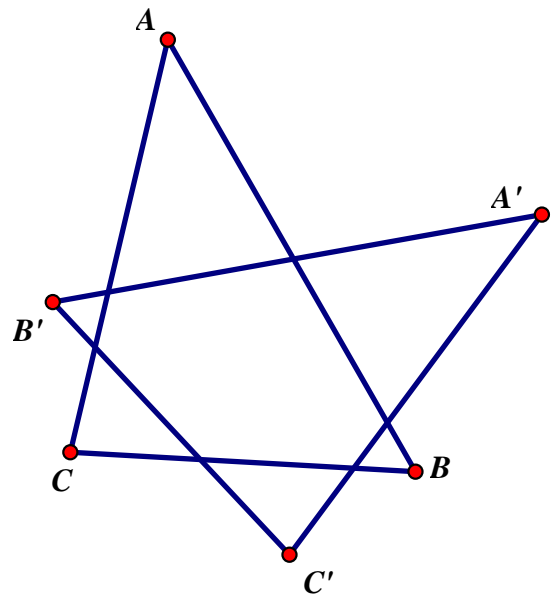


2) Determine the line of reflection.

- a) In trying to find the line of reflection you need to work backwards through the definition of a reflection.

Construct the line of reflection of $\triangle ABC$ & $\triangle A'C'B'$.

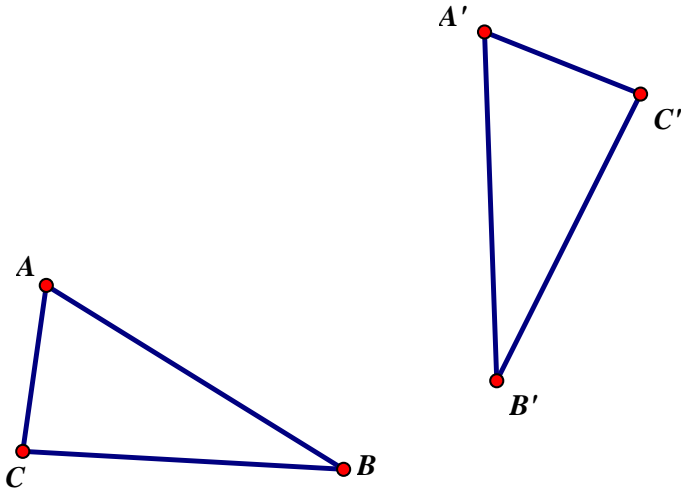
How do you know that this is a reflection and not a rotation?





b) What about this transformation tells you that it must be a reflection and not something else?

Construct the line of reflection of $\triangle ABC$ & $\triangle A'B'C'$.



c) What in this diagram gives us a clue about where the line of reflection is?

Construct the line of reflection of $\triangle ABC$ & $\triangle A'B'C'$.

