Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Describing Similarities Using Transformations

1. Consider$∆ABC$, and $∆A'B'C'$ drawn on the coordinate plane below. Describe a dilation followed by a congruence (of one or more rigid motions) to show that $∆ABC∼∆A'B'C'$.



1. Consider quadrilateral *ABCD* and quadrilateral *A’B’C’D’*. Describe a dilation followed by a congruence (of one or more rigid motions) to show that quadrilateral *ABCD*$∼$quadrilateral *A’B’C’D’.*

