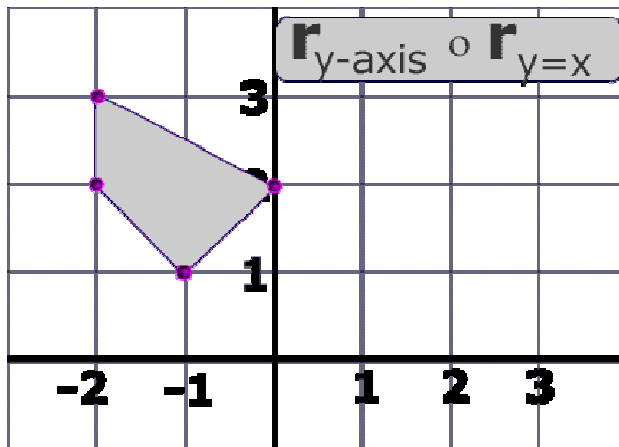
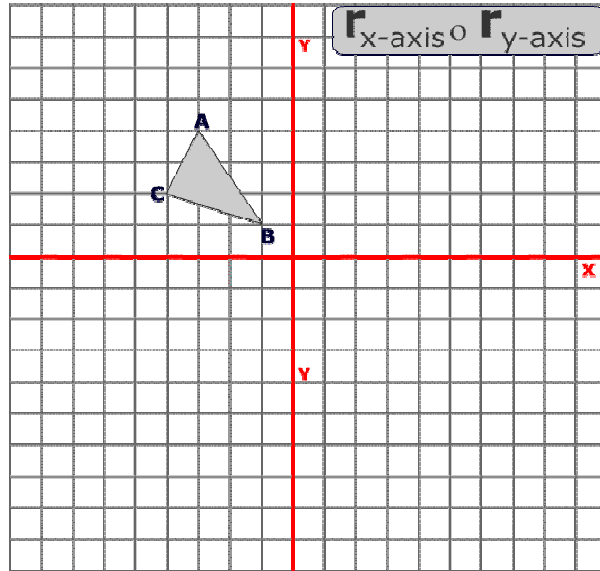


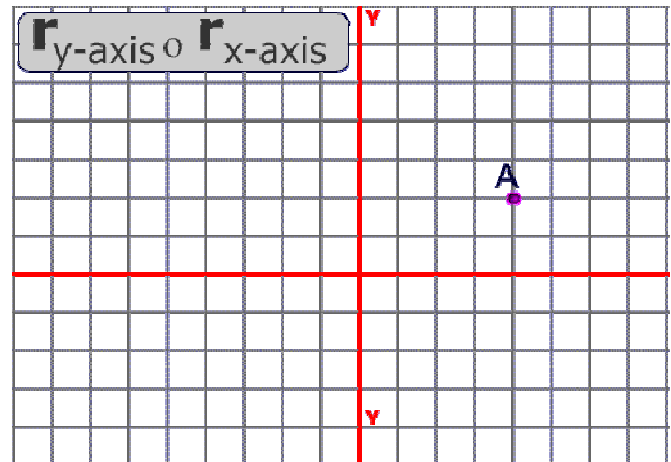
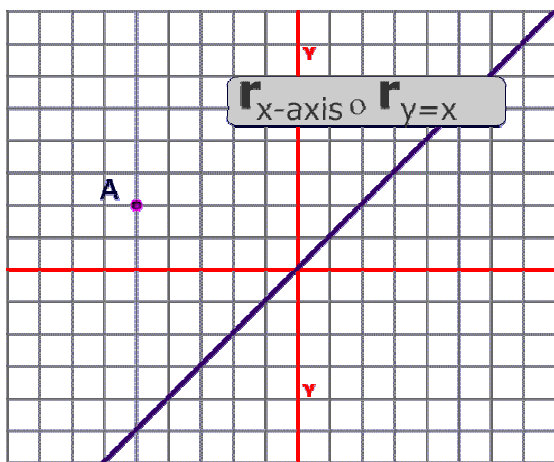
Compositions of Reflections as Rotations

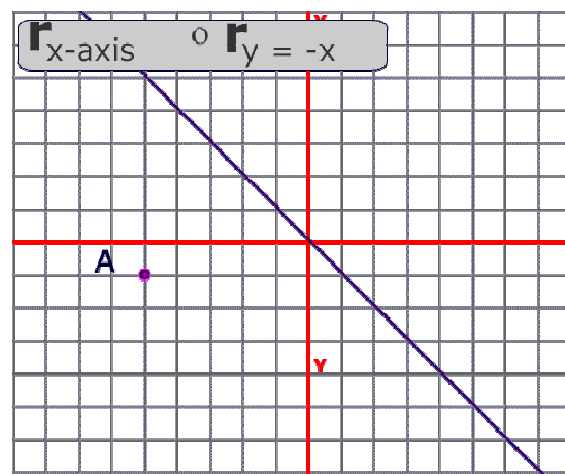
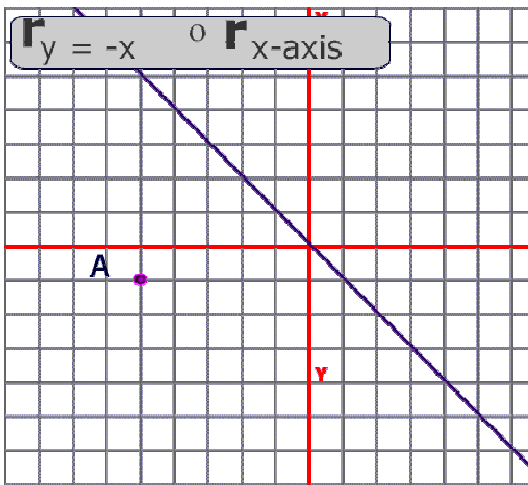
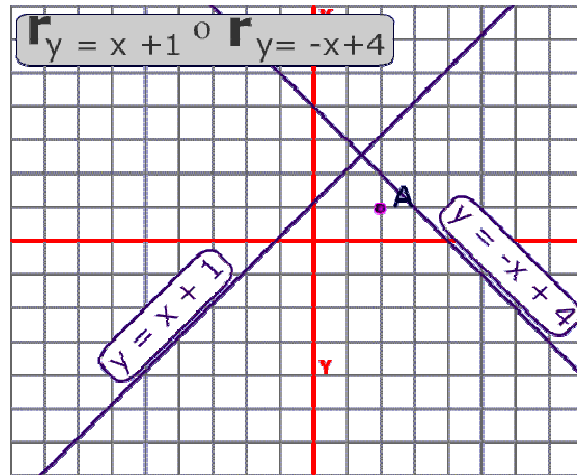
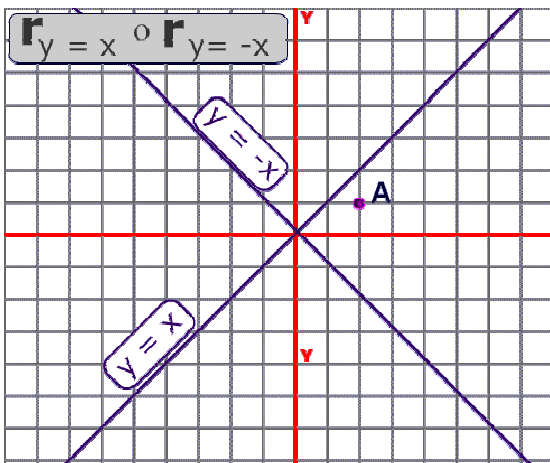
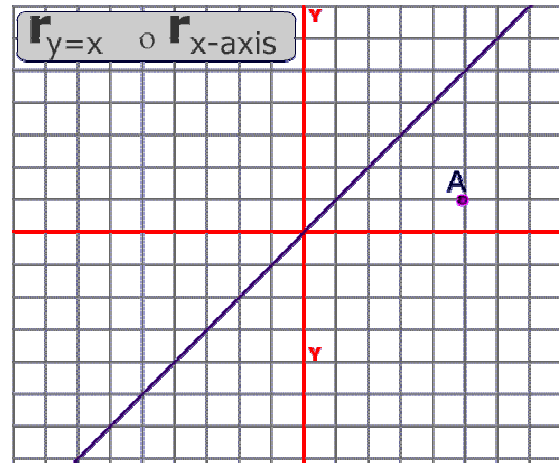
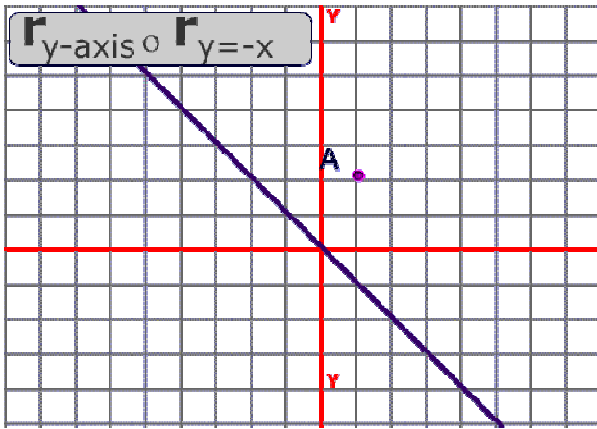
Answers online @ mathwarehouse.com/transformations/reflections-theorem.php

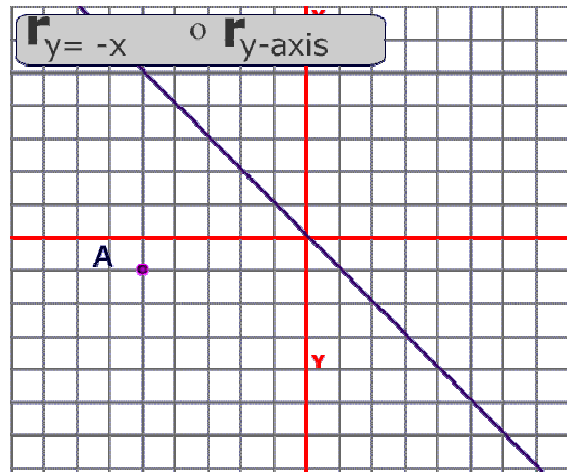
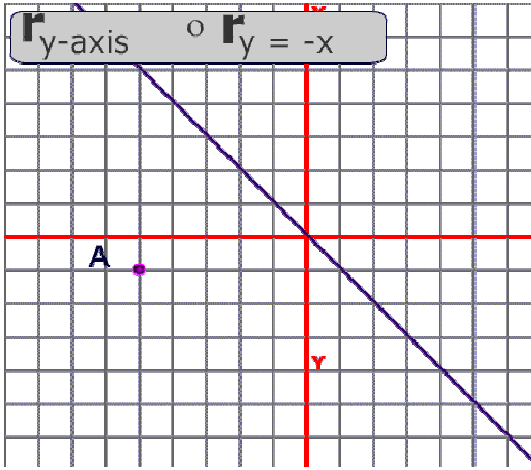
Perform the composition of reflections



Perform the composition of reflections below, then state what rotation expresses this same composition of reflections.







Activity

Group Members

Task #1) Draw a triangle on the graph below.

Task #2) Label its vertices A,B and C and label the coordinates of each vertex.

Task #3) Fill in the blanks for the composition of reflections below. (Make sure that the composition that you choose can also be expressed as a rotation)

Task #4) Perform the composition of reflections

Task #5) State which rotation also expresses this composition.

