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.


| $\Gamma_{y \text {-axiso }} \boldsymbol{r}_{x \text {-axis }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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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.

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