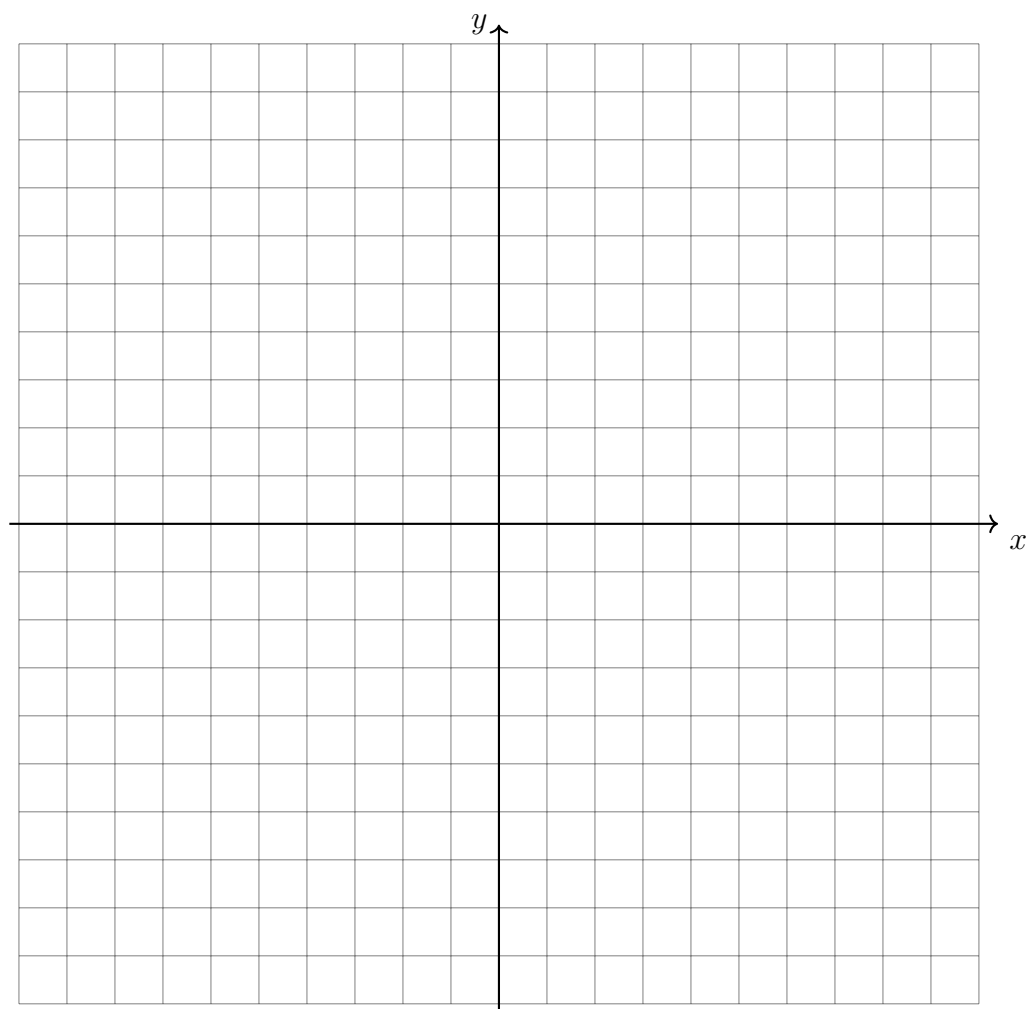


1.13 Do Now: Graphing inequalities

1. Graph and label the two inequalities on the grid.

$$y < -\frac{3}{2}x + 7$$

$$-x + y \geq -3$$



Mark a point in the solution set and label it with the ordered pair.

2. Which of the following would map $\triangle CAT \rightarrow \triangle C'A'T'$?

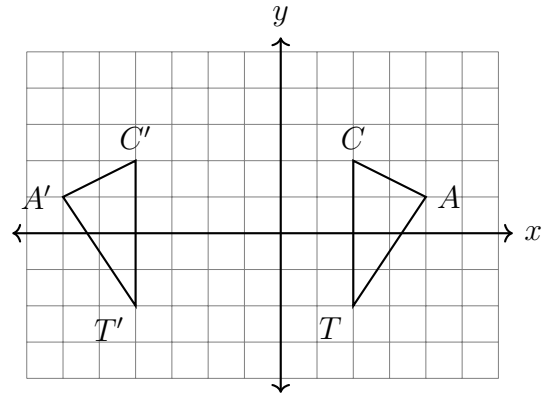
T F Reflected across the y -axis

T F Translated six to the left, down zero

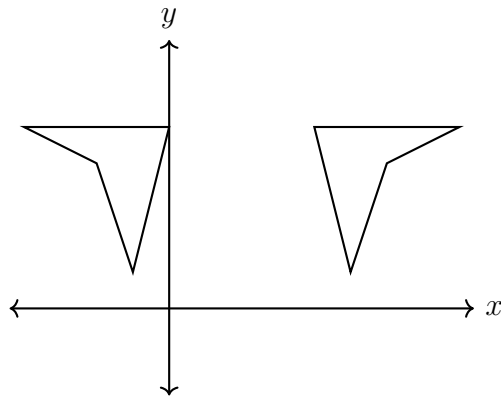
T F Reflected across the y -axis, then slid to the left two

T F $(x, y) \rightarrow (x - 6, y + 0)$

T F Reflected across the line $x = -1$



3. Draw the line of reflection for quadrilaterals in the diagram below.



4. The quadrilateral $ROCK$ undergoes rigid motions, shown below. Describe the sequence of transformations applied.

