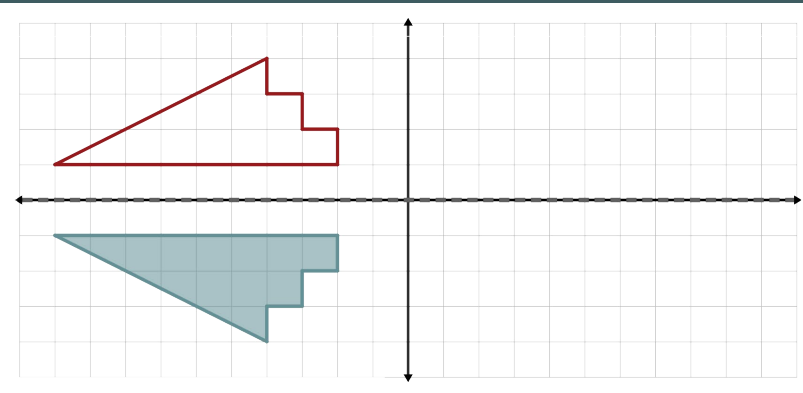


REFLECTIONS: GUIDED NOTES

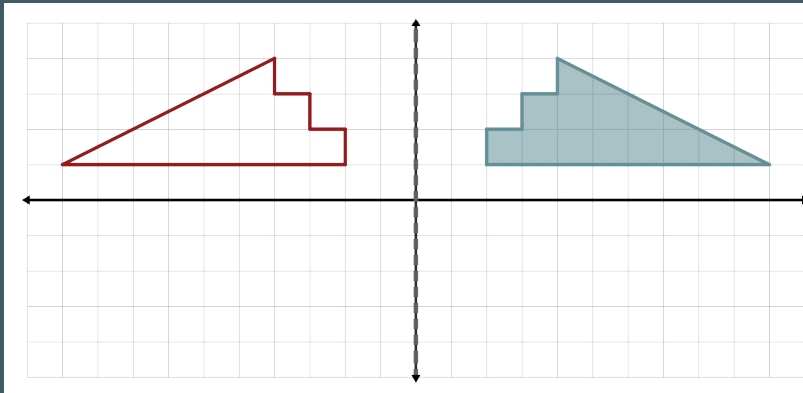
Vocabulary

- _____: a type of transformation that uses a *reflection line* like a mirror to create a mirror image; the figure is **flipped** over the *reflection line*

Algebraic Rules



Reflected over...	Algebraic Rule
...the x -axis	$(a, b) \rightarrow$



Reflected over...	Algebraic Rule
...the y -axis	$(a, b) \rightarrow$

Applying Algebraic Rules

Draw the image and complete the table below for each given unshaded preimage.

Graph	Verbal Description	Algebraic Rule
		$(x, y) \rightarrow (-x, y)$
	The preimage is reflected over the x-axis.	