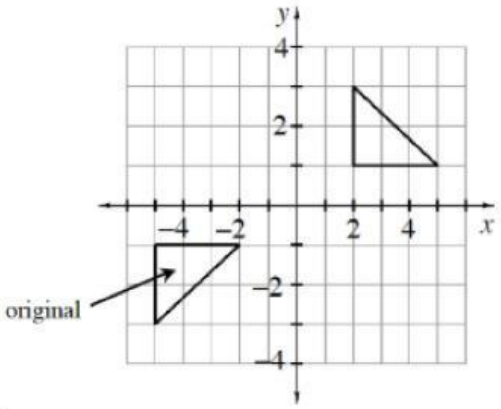
6.1.1 Homework #6-2, 6-3, 6-4, 6-6

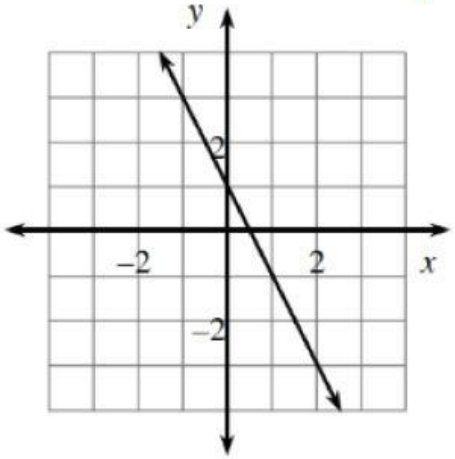
Name: _____ Period: ___

6-2. Describe what moves you could use to create the transformation of the original image shown below.
6-2 HW eTool Homework Help ✎



6-3. Review what you know about graphs as you complete parts (a) through (d) below. *6-3 HW eTool* Homework Help ✎

a. Find the equation of the line graphed at right.



b. What are its x- and y-intercepts?

x-intercept: _____

y-intercept: _____

c. On the same set of axes, graph a line that is *parallel* to the line graphed at right and that goes through the *origin* .

d. Find the equation of this new line.

6-4. Which equation below has *no* solution? Explain how you know. Homework Help ✎

a. $4(x+1) = 2x + 4$ b. $9 - 5x + 2 = 4 - 5x$

6-6. Find the rule for the pattern represented below. Homework Help ✎

Figure 1