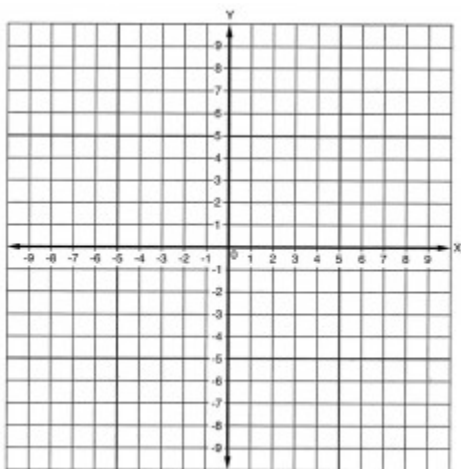- **5-8.** Make a table of $y = \frac{1}{2}x - 3$ and its inverse function. <u>Homework Help</u> ✎

    a. What is the relationship between the table for the original function and its inverse?

    b. Graph $y = \frac{1}{2}x - 3$ and its inverse function on the same set of axes.

    c. What is the equation of the inverse function?

    d. Does the graph of the two lines have a line of symmetry? If so, what is the equation of the line of symmetry?

- **5-13.** Graph the inequalities $y \geq |x - 2|$ and $y \leq 4 - |x|$. What is the area of the enclosed region? <u>Homework Help</u> ✎