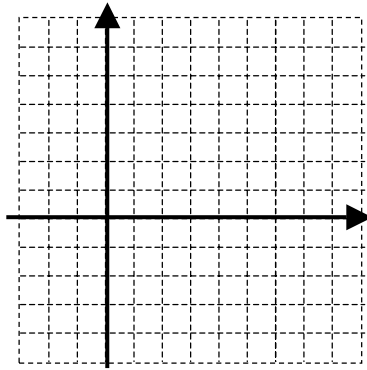
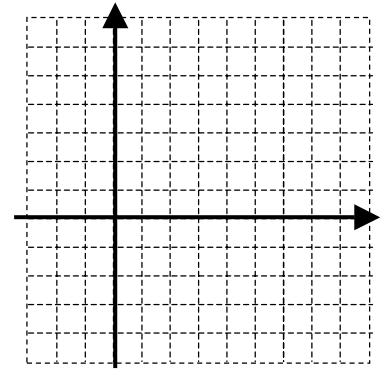


## Practice: Graphing Piecewise Functions

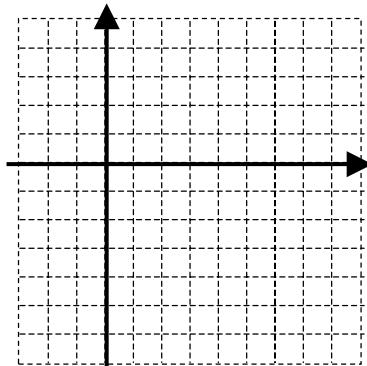
$$f(x) = \begin{cases} \frac{1}{2}x & x < 4 \\ x - 3 & x \geq 4 \end{cases}$$



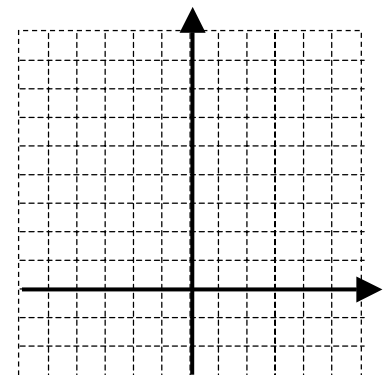
$$f(x) = \begin{cases} \frac{1}{2}x & x < 4 \\ x - 2 & x \geq 4 \end{cases}$$



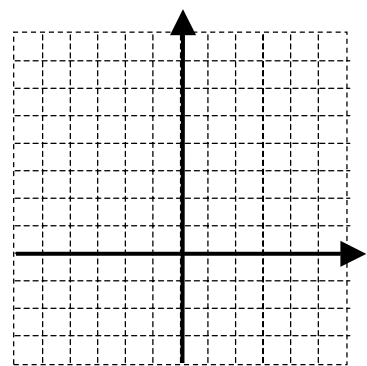
$$f(x) = \begin{cases} \frac{1}{3}x & x < 3 \\ 1 - x & x > 3 \end{cases}$$



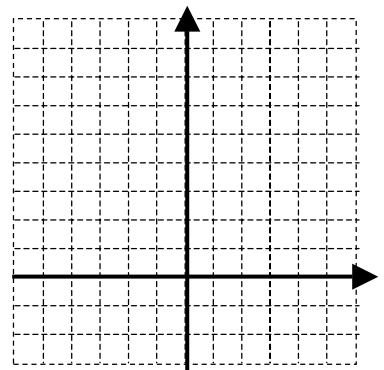
$$f(x) = \begin{cases} -x & x < -1 \\ -2 & -1 \leq x < 2 \\ 2x & x \geq 2 \end{cases}$$



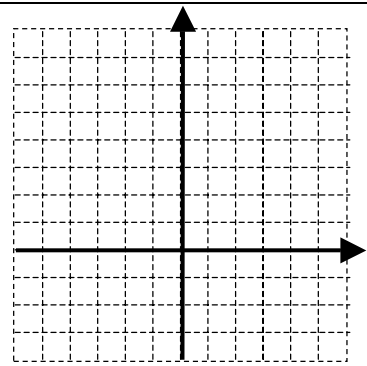
$$f(x) = \begin{cases} 3 - x & x \leq -2 \\ 2x & -2 < x \leq 3 \\ 5 & x > 3 \end{cases}$$



$$f(x) = \begin{cases} x^2 & x \leq -1 \\ 4 & -1 < x < 1 \\ x^2 & x \geq 1 \end{cases}$$



$$f(x) = \begin{cases} -x^2 & x < -1 \\ -x & -1 \leq x \leq 1 \\ x^2 & x > 1 \end{cases}$$



$$f(x) = \begin{cases} 5 & x < -2 \\ -x^2 & -2 \leq x < 2 \\ x - 2 & x \geq 2 \end{cases}$$

