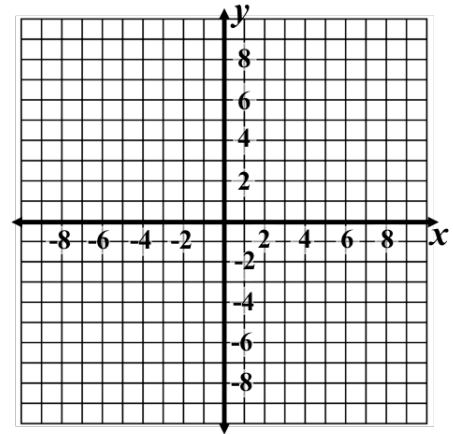


Name: _____

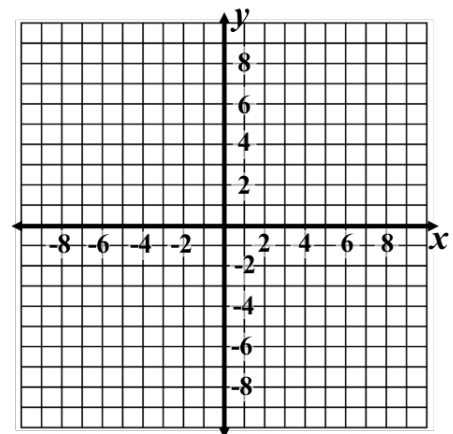
Graphing Piecewise Functions (Part 2)

Graph each piecewise function.

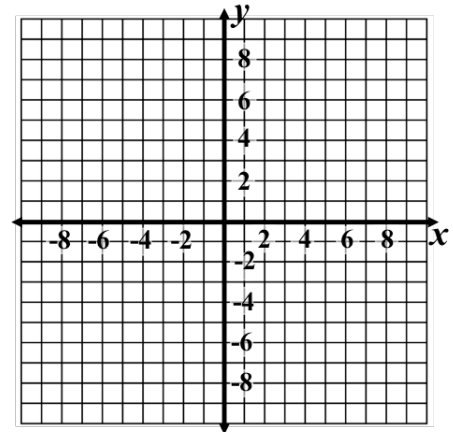
$$1. f(x) = \begin{cases} x + 14, & -10 \leq x < -6 \\ -2x - 6, & -6 \leq x < 0 \\ 3x - 4, & 0 \leq x < 4 \\ 3, & x > 4 \end{cases}$$



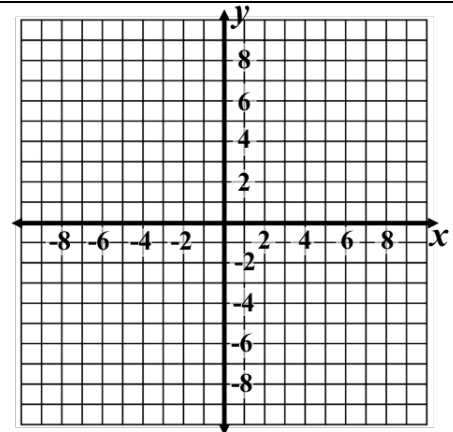
$$2. g(x) = \begin{cases} -4x - 20, & x < -3 \\ -3(x + 2)^2 + 4, & -3 \leq x \leq -1 \\ 5, & x > -1 \end{cases}$$



$$3. h(x) = \begin{cases} 3x + 6, & x < 1 \\ 4, & 1 \leq x \leq 3 \\ x - 3, & 3 < x < 8 \end{cases}$$



$$4. j(x) = \begin{cases} -3, & x < -5 \\ -1, & -5 \leq x < -2 \\ 1, & -2 \leq x < 1 \\ 3, & 1 \leq x < 4 \\ 5, & x > 4 \end{cases}$$



$$5. k(x) = \begin{cases} 2x + 26, & -10 < x \leq -8 \\ x + 11, & -8 < x \leq -2 \\ x^2, & -2 < x \leq 2 \\ 3x - 12, & 2 < x \leq 7 \end{cases}$$

