

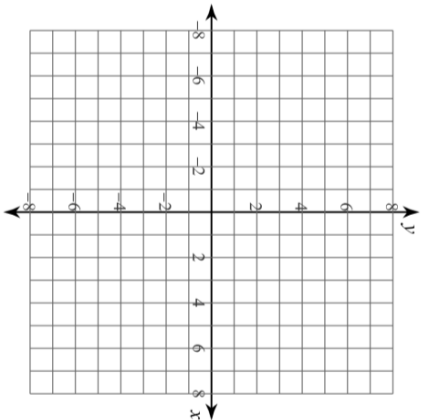
A piecewise function has

A greatest integer function

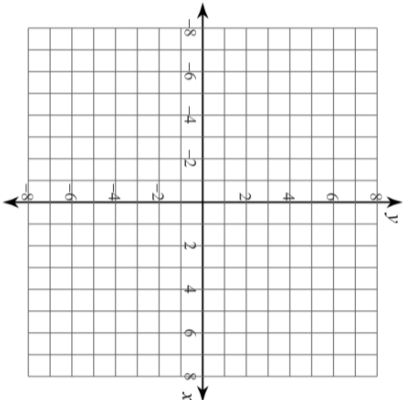
The domain is

A greatest integer function is written:

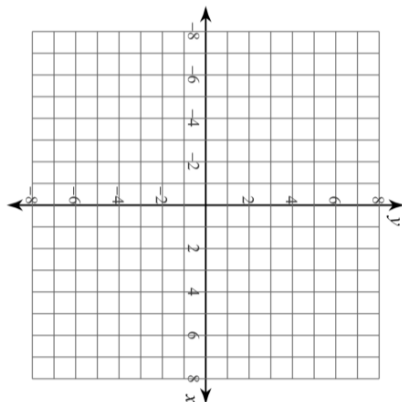
$$f(x) = \begin{cases} -x - 1, & x \leq 0 \\ -5, & x > 0 \end{cases}$$



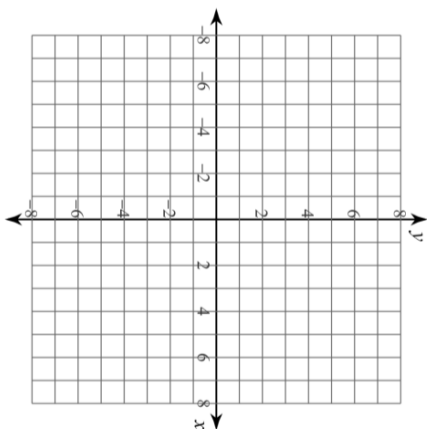
$$f(x) = \begin{cases} (x + 2)^2, & x < -2 \\ -x, & -2 \leq x \leq 3 \\ 4, & x > 3 \end{cases}$$



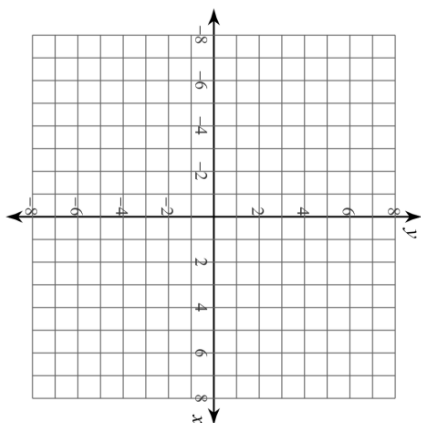
$$f(x) = \begin{cases} (x+4)^4, & x \leq -3 \\ 4-x^2, & -3 < x < 2 \\ -|x|, & x \geq 2 \end{cases}$$



$$f(x) = \begin{cases} 2, & x < -3 \\ (x+2)^2, & x \geq -3 \end{cases}$$



$$f(x) = \begin{cases} \frac{1}{x} + 4, & x \leq 3 \\ (x-4)^3, & x > 3 \end{cases}$$



$$f(x) = \begin{cases} -x-3, & x \leq -3 \\ \sqrt{-x}, & x > -3 \end{cases}$$

