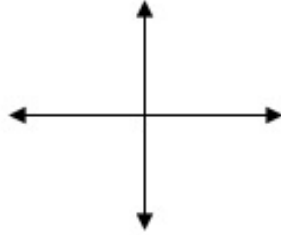


For each below, find the Domain and Range Algebraically and Graphically. State answers in interval notation

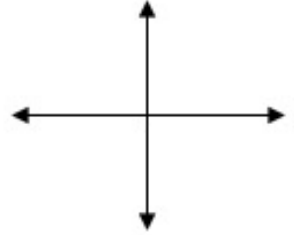
$$f(x) = \sqrt{-x+5}$$



Domain: _____

Range: _____

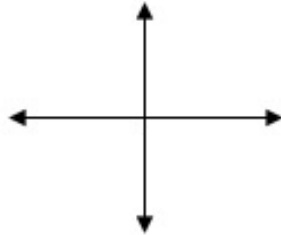
$$f(x) = \frac{1}{4x^2-9}$$



Domain: _____

Range: _____

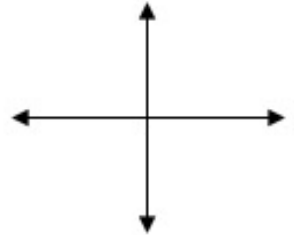
$$f(x) = \sqrt{8-x^2}$$



Domain: _____

Range: _____

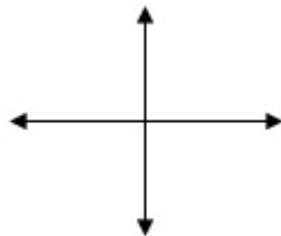
$$f(x) = \begin{cases} x; & x \leq 0 \\ 4; & x > 1 \end{cases}$$



Domain: _____

Range: _____

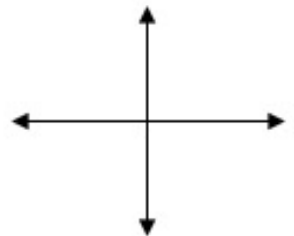
$$f(x) = 2$$



Domain: _____

Range: _____

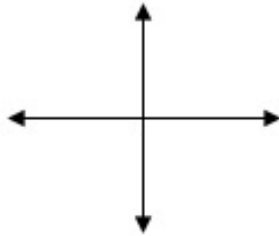
$$f(x) = \sqrt{6x^2+x-1}$$



Domain: _____

Range: _____

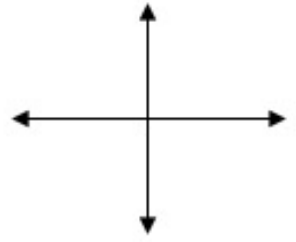
$$f(x) = \frac{1}{\sqrt{x+1}}$$



Domain: _____

Range: _____

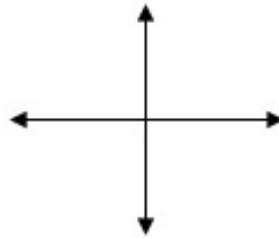
$$f(x) = (x-4)^2$$



Domain: _____

Range: _____

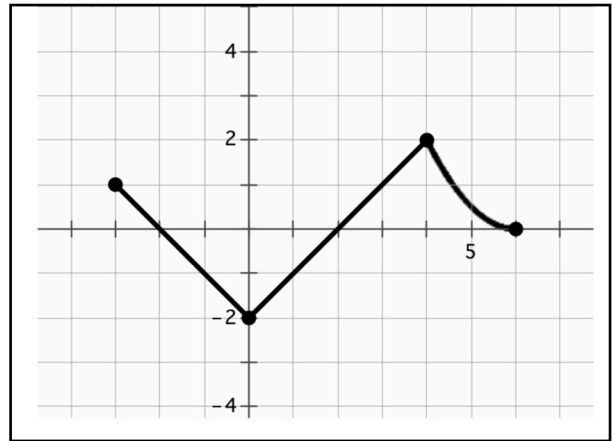
$$f(x) = (x-4)^3$$



Domain: _____

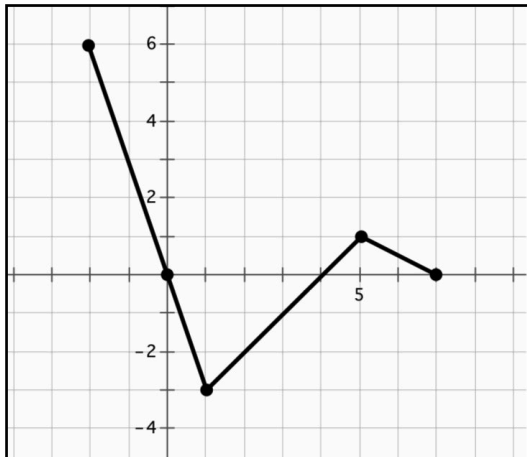
Range: _____

State the Domain and Range from the Graph



Domain: _____ Range: _____

State the Domain and Range from the Graph



Domain: _____ Range: _____

Sketch a possible function with the following Domain and Range