

Supplements for Math 260S Lab Hour

Domain of linear, quadratic, polynomial, rational and radical functions

Find the domain of the function. Leave solution in interval notation

$$f(x) = -3x + 7$$

$$f(x) = x^2 + 4x - 96$$

$$f(x) = \frac{5x+6}{3x-4}$$

$$f(x) = \frac{4x-3}{x^2-49}$$

$$f(x) = \frac{x^2-16}{x^2-11x+30}$$

$$f(x) = \sqrt{9x + 5}$$

$$f(x) = \sqrt{7 - 3x}$$

$$f(x) = \sqrt[3]{4x - 3}$$

$$f(x) = \sqrt[3]{3x - 2x}$$

$$f(x) = \frac{4x+9}{\sqrt{8x-3}}$$