

## 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

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

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

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

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

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

$$f(x) = \frac{\quad}{\quad}$$

$$f(x) = \frac{\quad}{-}$$

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

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

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