

Analysis of Rational Functions

$$y = \frac{\text{constant fcn}}{\text{linear fcn}} =$$

Analysis:

Graph:

Table of values:

Algebraic Analysis:

$$y = \frac{\text{linear fcn}}{\text{linear fcn}} =$$

Analysis:

Graph:

Table of values:

Algebraic Analysis:

$$y = \frac{\text{quadratic fcn}}{\text{linear fcn}} =$$

Analysis:

Graph:

Table of values:

Algebraic Analysis:

$$y = \frac{\text{linear fcn}}{\text{quadratic fcn}} =$$

Analysis:

Graph:

Table of values:

Algebraic Analysis:

Analysis of the rational function $y = \frac{1}{x}$

Analysis:

Graph:

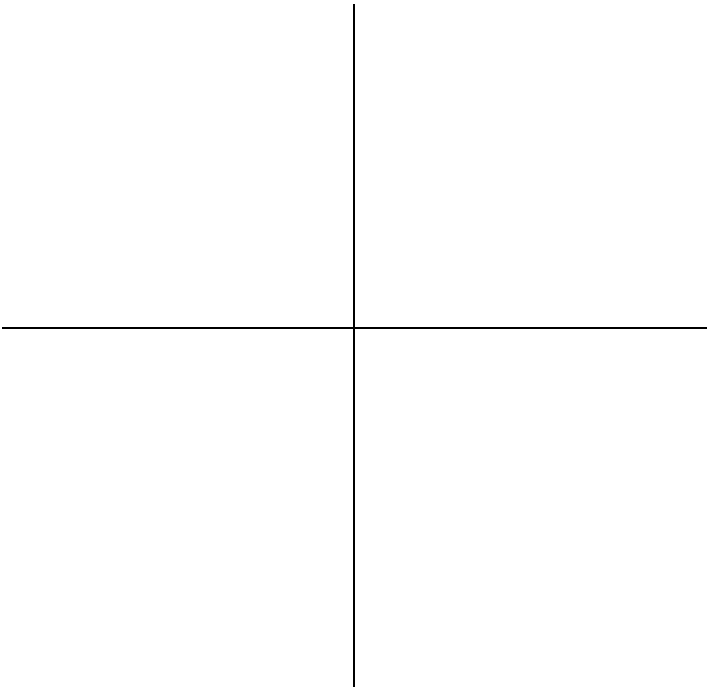


Table of Values

Algebraic Analysis

Analysis of Rational Functions

$$y = \frac{\text{constant fcn}}{\text{linear fcn}} = \frac{-3}{2x-6}$$

Analysis:

Graph:

Table of values:

Algebraic Analysis:

$$y = \frac{\text{linear fcn}}{\text{linear fcn}} = \frac{2x-1}{x-2}$$

Analysis:

Graph:

Table of values:

Algebraic Analysis:

$$y = \frac{\text{quadratic fcn}}{\text{linear fcn}} = \frac{x^2 + x - 6}{x - 4}$$

Analysis:

Graph:

Table of values:

Algebraic Analysis:

$$y = \frac{\text{linear fcn}}{\text{quadratic fcn}} = \frac{x-1}{x^2 + x - 2}$$

Analysis:

Graph:

Table of values:

Algebraic Analysis: