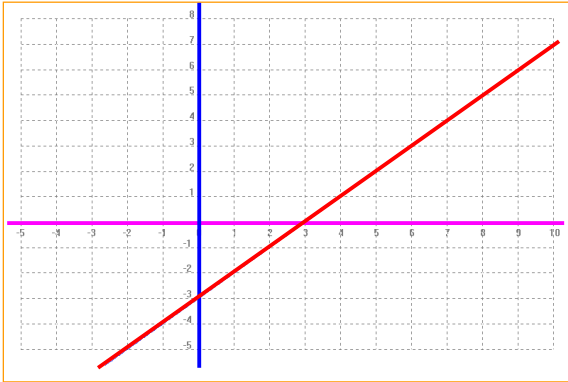




$$y = x - 3$$

polinomio



$$D = \mathbb{R}$$

$$R = \mathbb{R}$$

$$y = \frac{1}{x - 3}$$

denominador

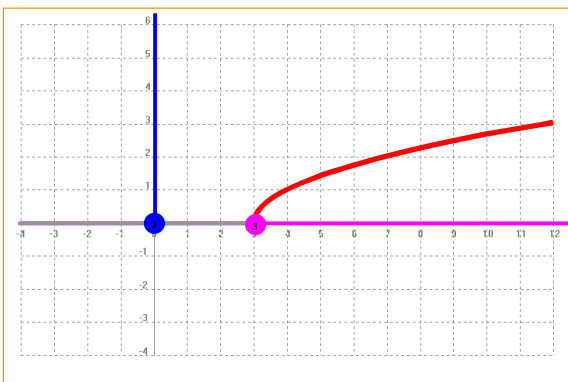


$$D = \mathbb{R} - \{3\}$$

$$R = \mathbb{R} - \{0\}$$

$$y = \sqrt{x - 3}$$

raíz par

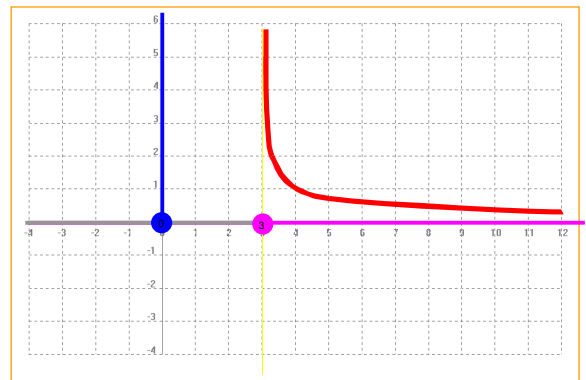


$$D = [3, \infty)$$

$$R = \mathbb{R}^+ \cup \{0\} = [0, \infty)$$

$$y = \frac{1}{\sqrt{x - 3}}$$

raíz par y denominador



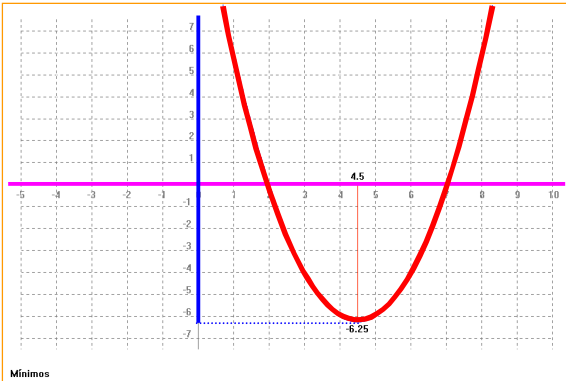
$$D = (3, \infty)$$

$$R = \mathbb{R}^+ = (0, \infty)$$



$$y = x^2 - 9x + 14$$

polinomio

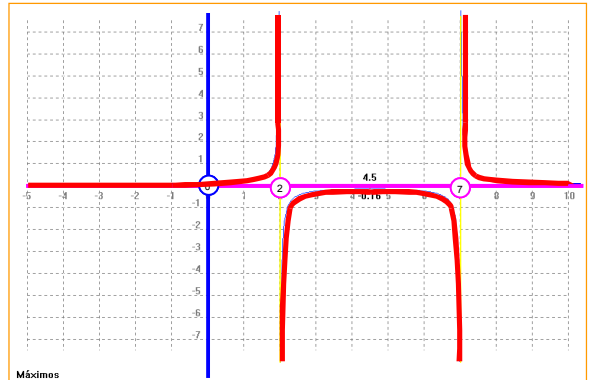


$$D = \mathbb{R}$$

$$R = [-6.25, \infty)$$

$$y = \frac{1}{x^2 - 9x + 14}$$

denominador

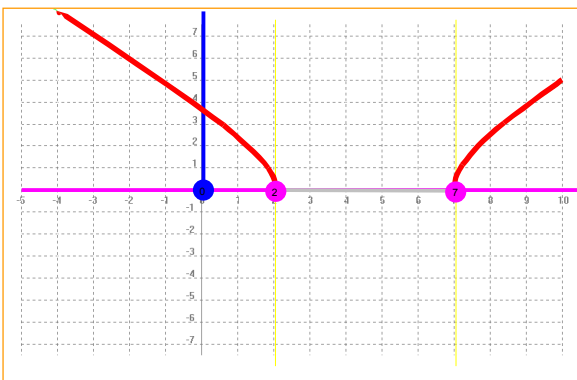


$$D = \mathbb{R} - \{2, 7\}$$

$$R = \mathbb{R} - \{0\}$$

$$y = \sqrt{x^2 - 9x + 14}$$

raíz par

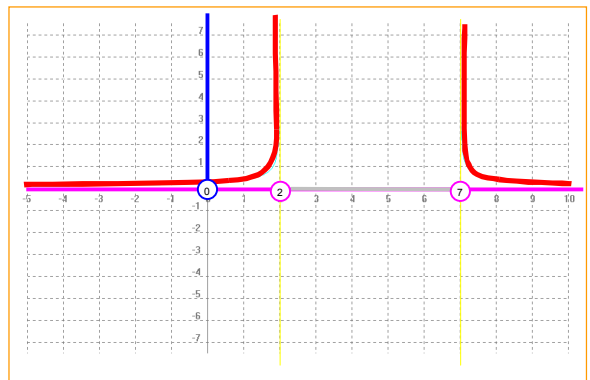


$$D = \mathbb{R} - (2, 7) = (-\infty, 2] \cup [7, \infty)$$

$$R = \mathbb{R}^+ \cup \{0\} = [0, \infty)$$

$$y = \frac{1}{\sqrt{x^2 - 9x + 14}}$$

raíz par y denominador



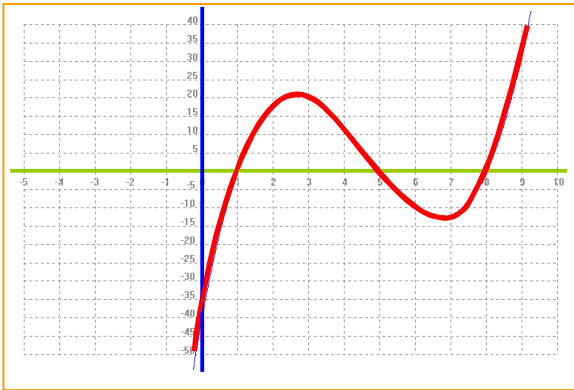
$$D = \mathbb{R} - [2, 7] = (-\infty, 2) \cup (7, \infty)$$

$$R = \mathbb{R}^+ = (0, \infty)$$



$$y = x^3 - 14x^2 + 53x - 40$$

polinomio

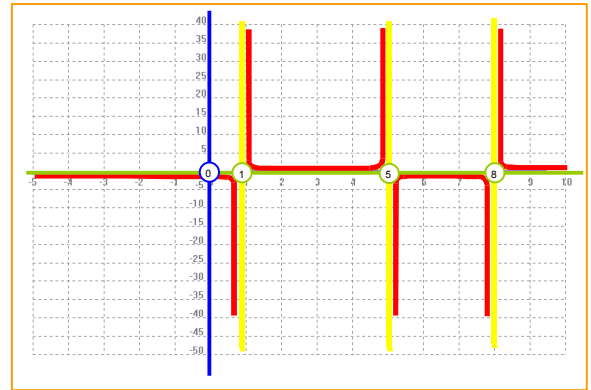


$$D = \mathbb{R}$$

$$R = \mathbb{R}$$

$$y = \frac{1}{x^3 - 14x^2 + 53x - 40}$$

denominador

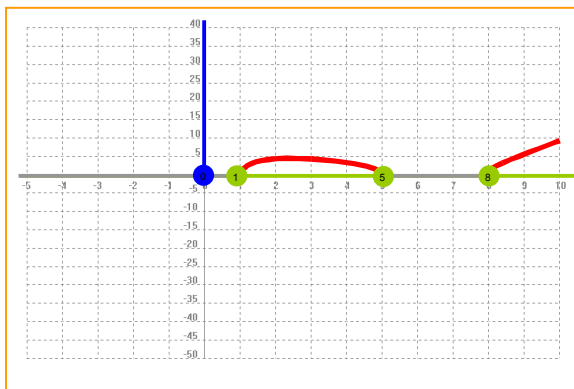


$$D = \mathbb{R} - \{1, 5, 8\}$$

$$R = \mathbb{R} - \{0\}$$

$$y = \sqrt{x^3 - 14x^2 + 53x - 40}$$

raíz par

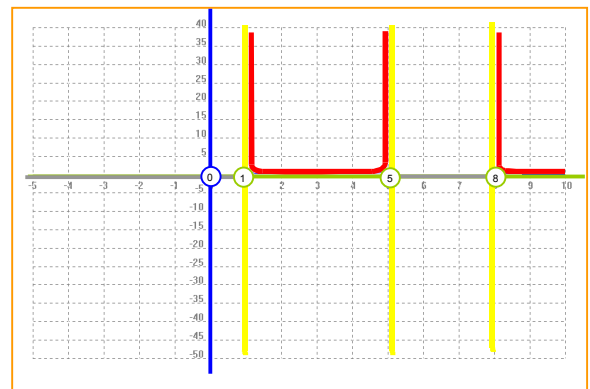


$$D = [1, 5] \cup [8, \infty)$$

$$R = \mathbb{R}^+ \cup \{0\} = [0, \infty)$$

$$y = \frac{1}{\sqrt{x^3 - 14x^2 + 53x - 40}}$$

raíz par y denominador



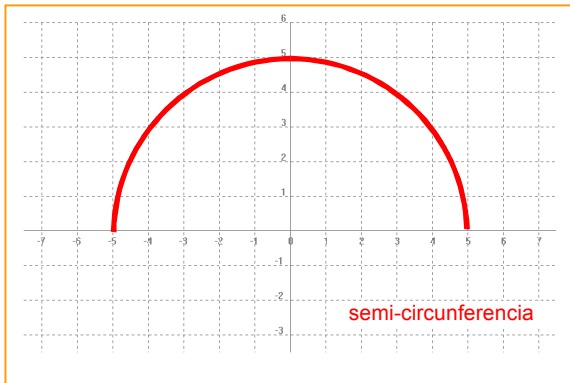
$$D = (1, 5) \cup (8, \infty)$$

$$R = \mathbb{R}^+ = (0, \infty)$$



$$y = \sqrt{25 - x^2}$$

raíz cuadrada con $-x^2$

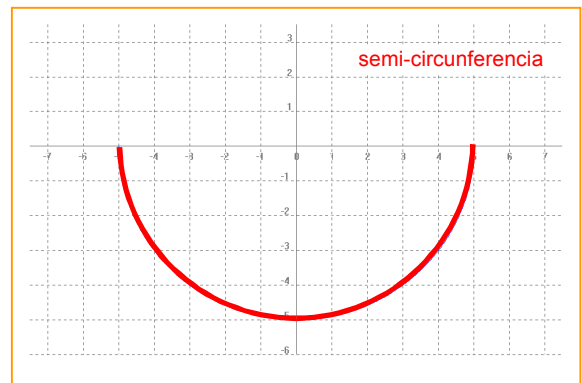


$$D = [-5, 5]$$

$$R = [0, 5]$$

$$y = -\sqrt{25 - x^2}$$

raíz cuadrada con $-x^2$

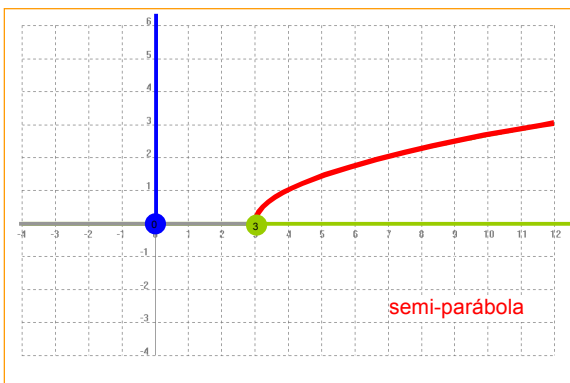


$$D = [-5, 5]$$

$$R = [-5, 0]$$

$$y = \sqrt{x - 3}$$

raíz par, radicando grado 1

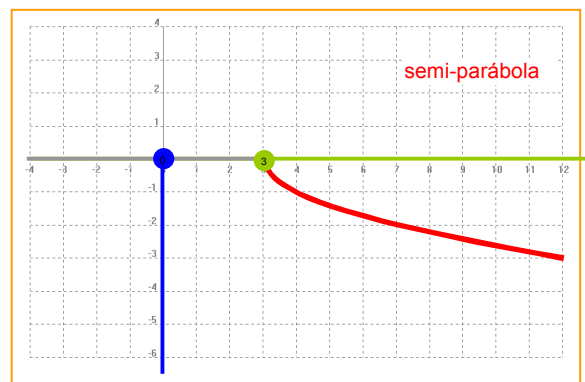


$$D = [3, \infty)$$

$$R = \mathfrak{R}^+ \cup \{0\} = [0, \infty)$$

$$y = -\sqrt{x - 3}$$

- raíz par, radicando grado 1



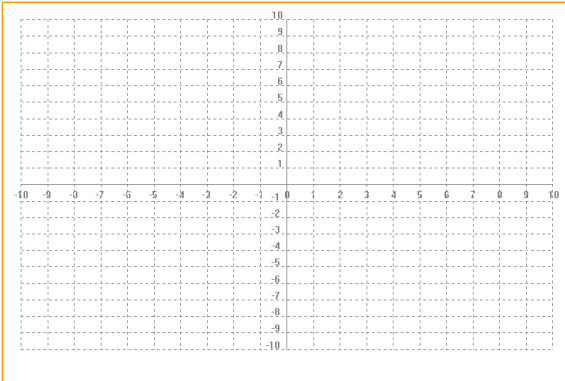
$$D = [3, \infty)$$

$$R = \mathfrak{R}^- \cup \{0\} = [0, -\infty)$$



Dibujar la gráfica de estas funciones y escribir y representar su **DOMINIO** Y **RECORRIDO**

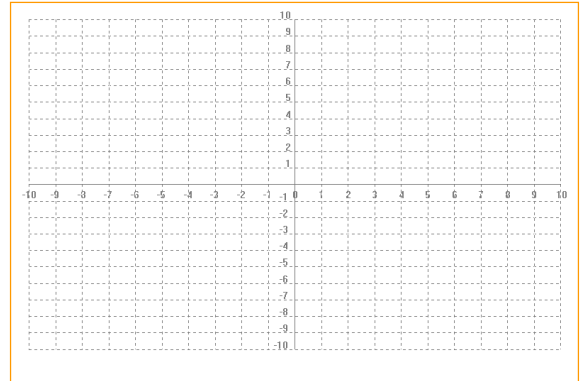
$$y =$$



D =

R =

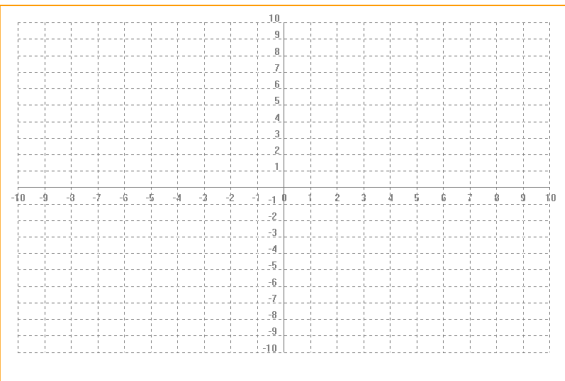
$$y =$$



D =

R =

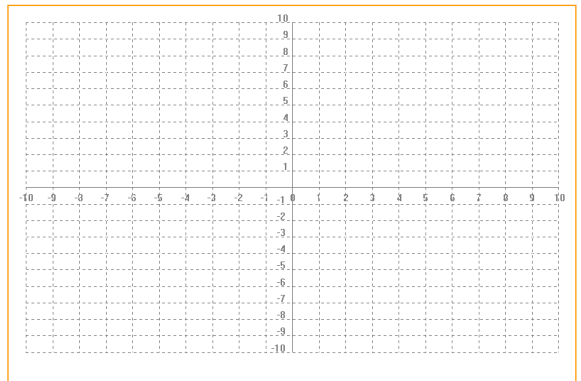
$$y =$$



D =

R =

$$y =$$



D =

R =