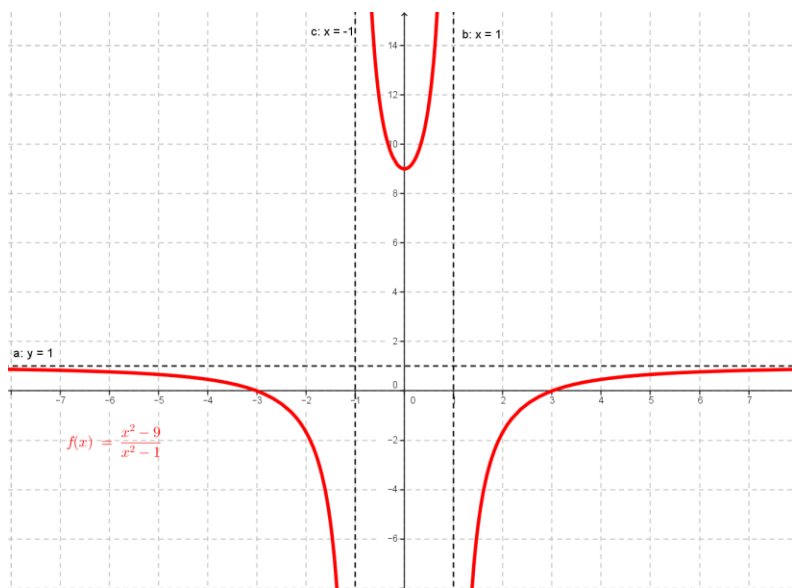


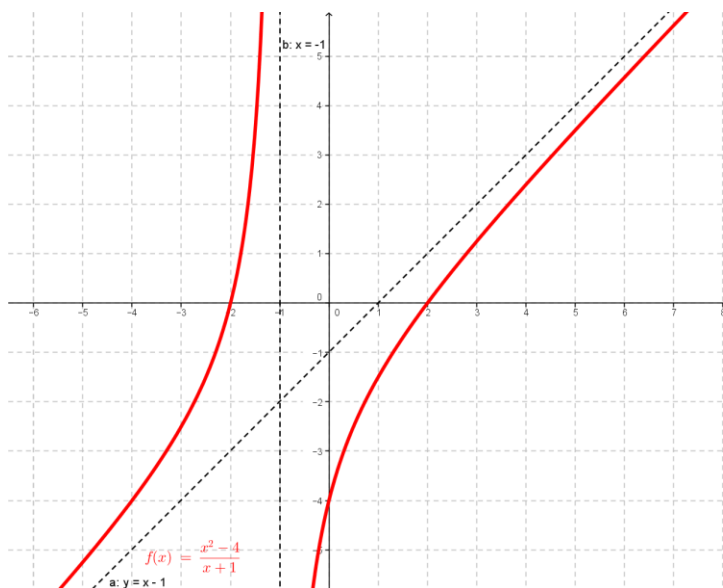
REPRESENTACIÓN GRÁFICA DE FUNCIONES RACIONALES

1) Representa gráficamente las siguientes funciones racionales:

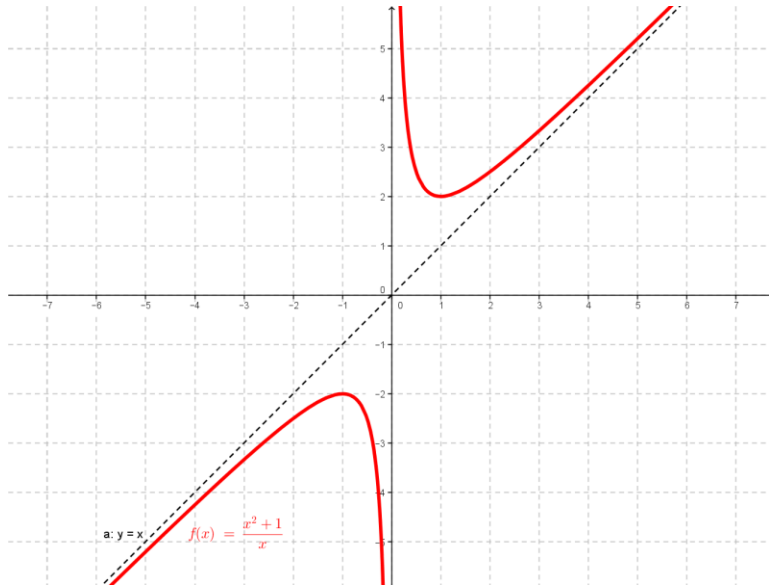
a) $y = \frac{x^2 - 9}{x^2 - 1}$



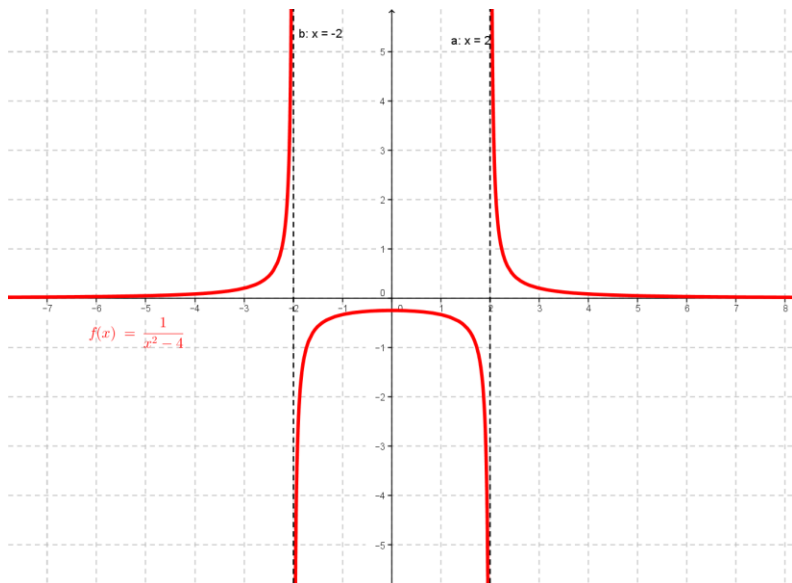
b) $y = \frac{x^2 - 4}{x + 1}$



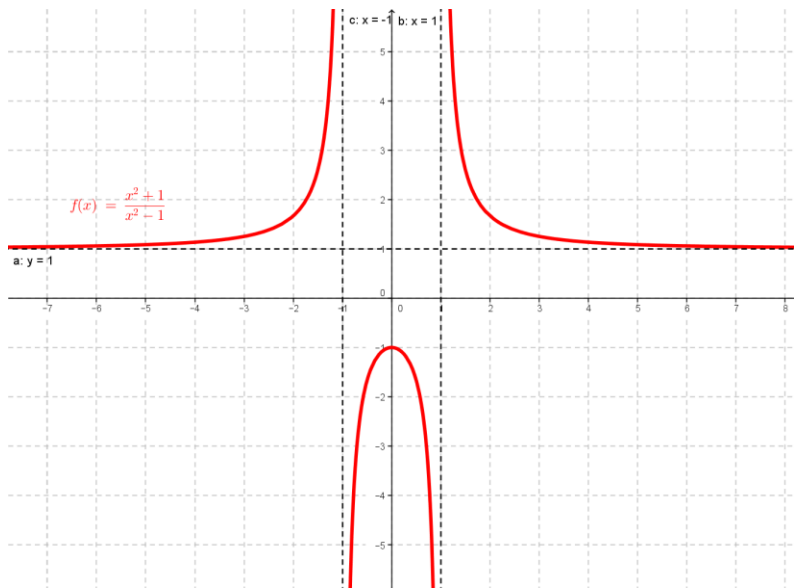
c) $y = \frac{x^2 + 1}{x}$



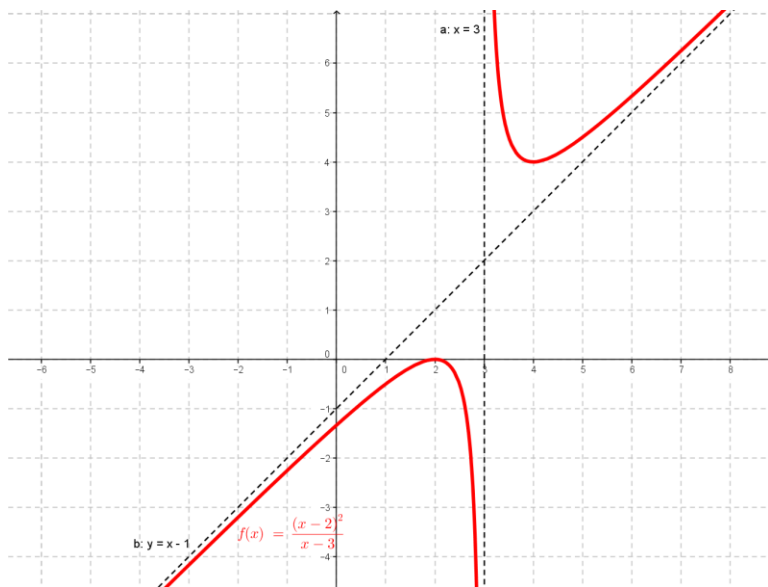
d) $y = \frac{1}{x^2 - 4}$



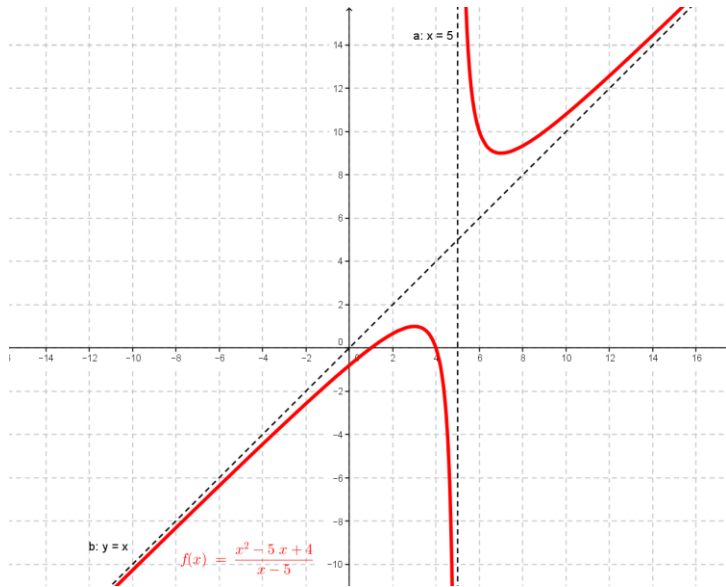
e) $y = \frac{x^2 + 1}{x^2 - 1}$



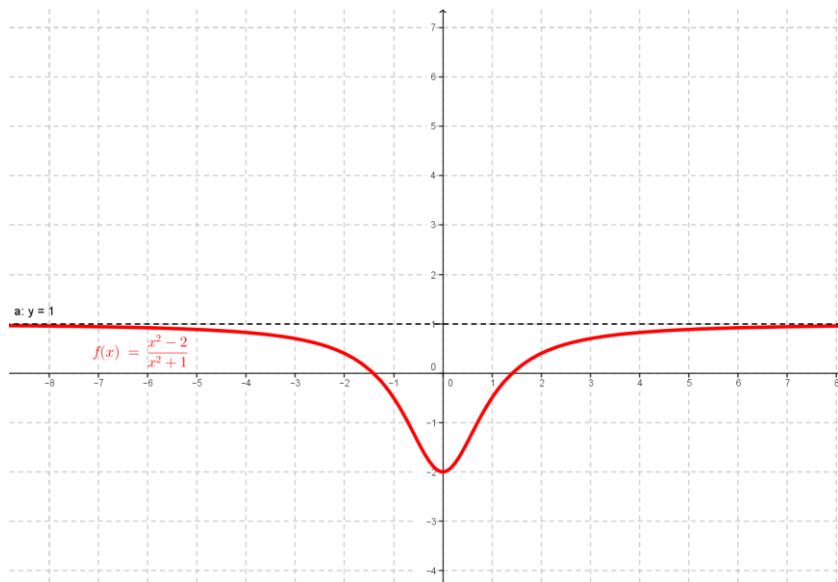
f) $y = \frac{(x-2)^2}{x-3}$



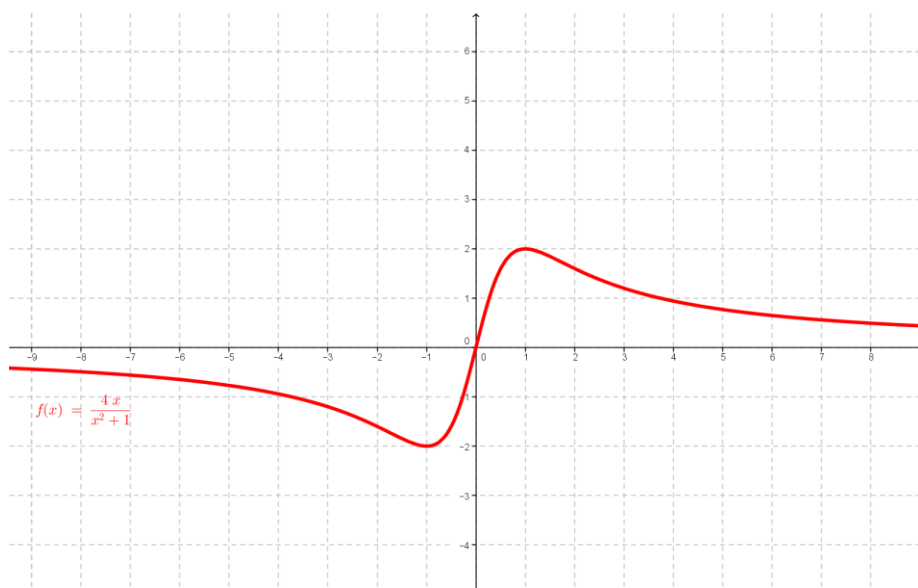
$$g) y = \frac{x^2 - 5x + 4}{x - 5}$$



$$h) y = \frac{x^2 - 2}{x^2 + 1}$$



i) $y = \frac{4x}{x^2 + 1}$



j) $y = \frac{x^2}{x^2 + 1}$

