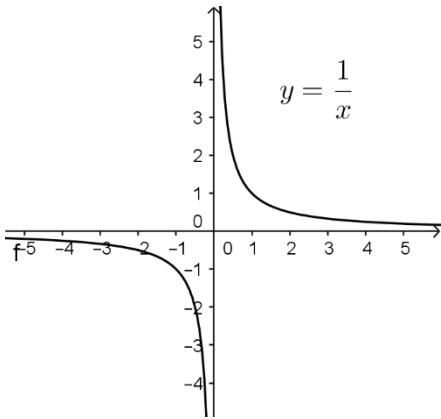
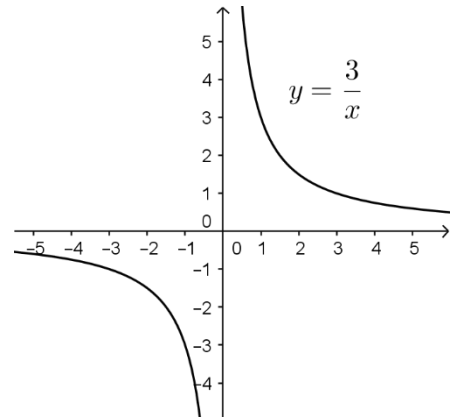


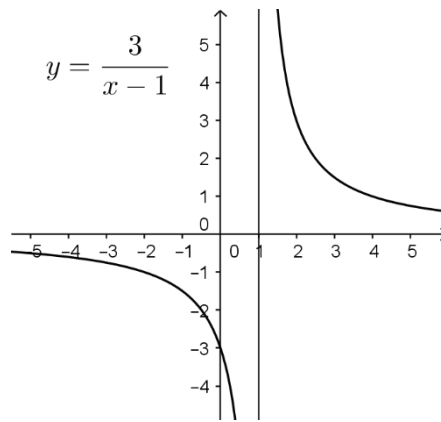
$$f(x) = \frac{x^2-4}{(x-1)(x-2)} = \frac{(x-2)(x+2)}{(x-1)(x-2)} \stackrel{x \neq 2}{=} \frac{x+2}{x-1} = \frac{x-1+3}{x-1} = 1 + \frac{3}{x-1}$$



ampliação vertical
fator de multiplicação: 3



translação horizontal
1 unidade para direita



translação vertical
1 unidade para cima

$$f(x) = \frac{x^2-4}{(x-1)(x-2)} \stackrel{x \neq 2}{=} 1 + \frac{3}{x-1}$$

