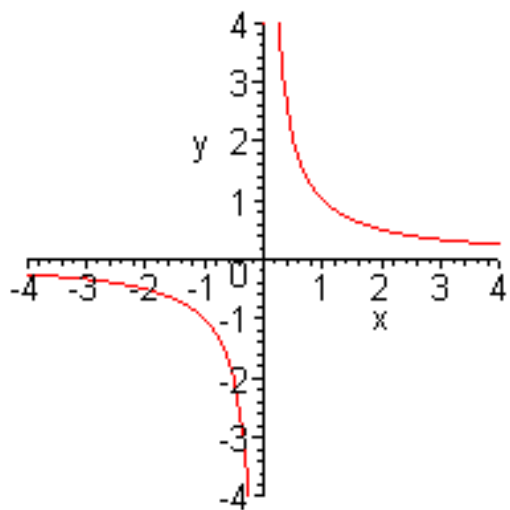
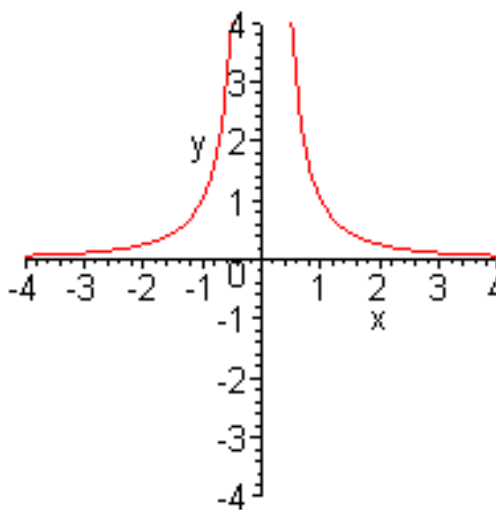


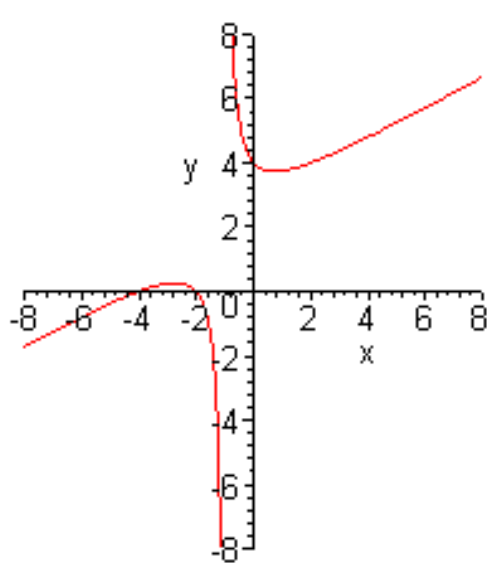
Math173 – Section 4.5: Examples of Rational Functions



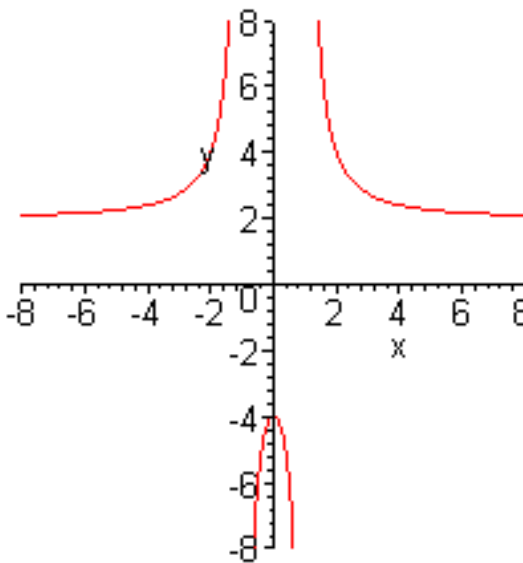
$$f(x) = \frac{1}{x}$$



$$f(x) = \frac{1}{x^2}$$



$$f(x) = \frac{(x+2)(x+4)}{2(x+1)}$$



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