

Number:

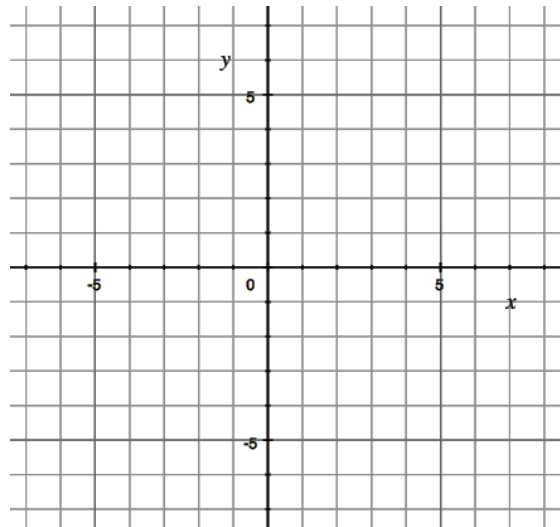
Textbook Section:

Title:

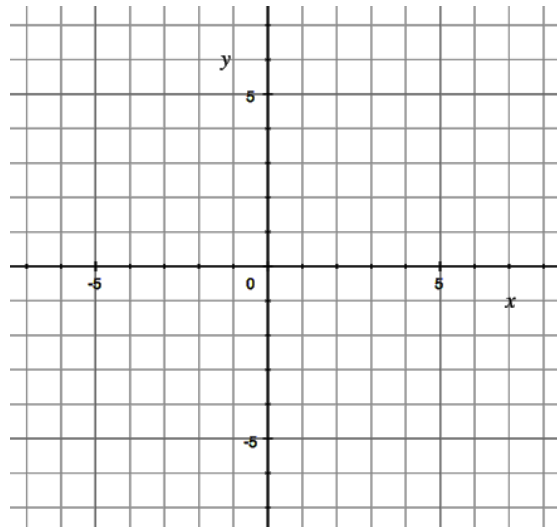
Wrap-up (at the end)

Analyze and graph the rational function. (“Analyze” means to find the domain, intercept(s) and asymptote(s).)

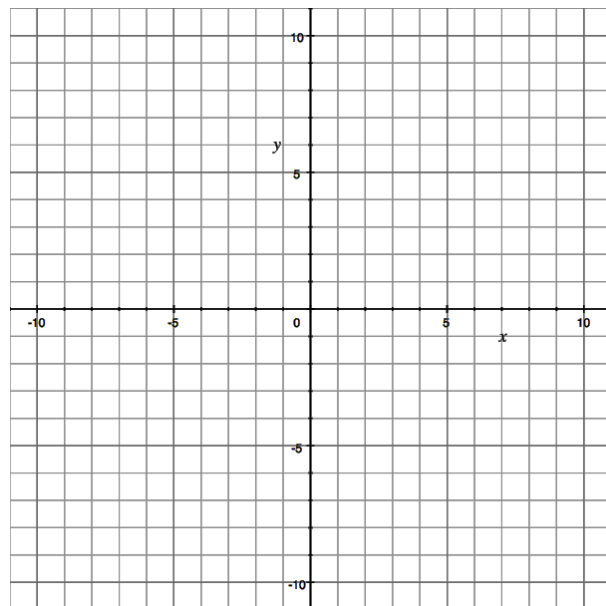
1. $H(x) = \frac{-2}{x+1}$



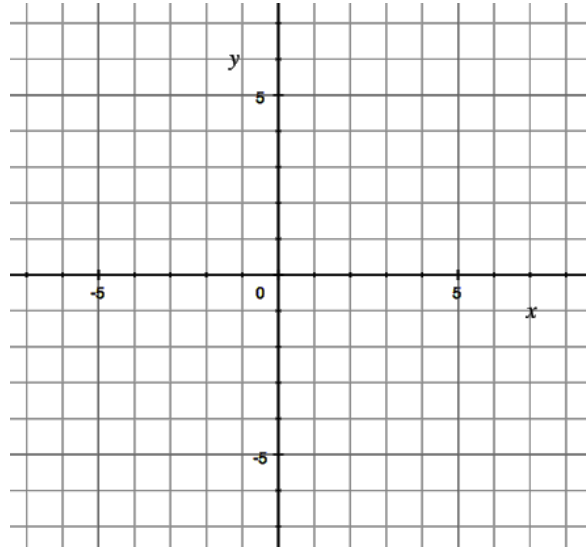
2. $f(x) = \frac{2x^2 + x - 8}{x^2 - 4}$



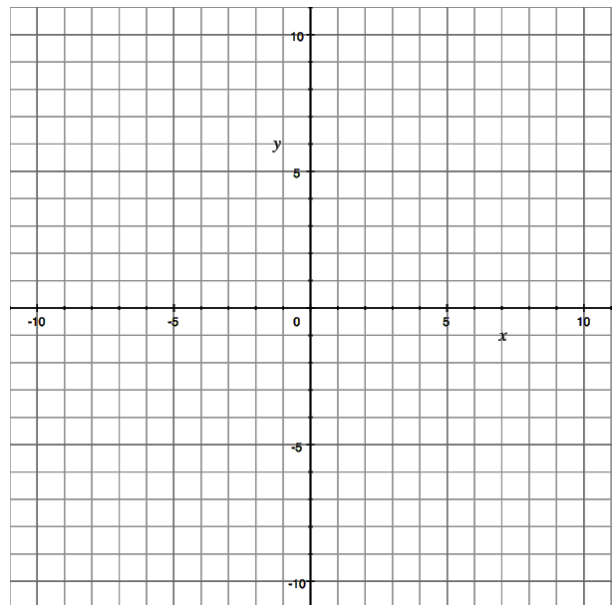
3. $r(x) = \frac{x^2 - 4x - 5}{x - 3}$



4. $R(x) = \frac{5(x^2 - x - 6)}{4(x^2 + 2x - 15)}$



5. $R(x) = \frac{3x^2 - 3x}{x^2 + x - 12}$



6. $f(x) = \frac{x^3 + 2x^2 + x - 2}{x^2 - 1}$

