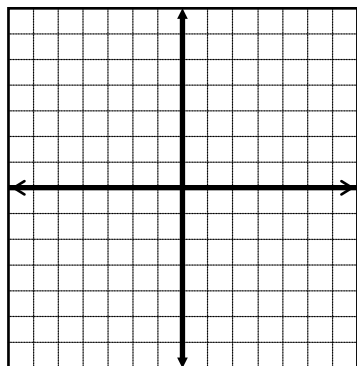


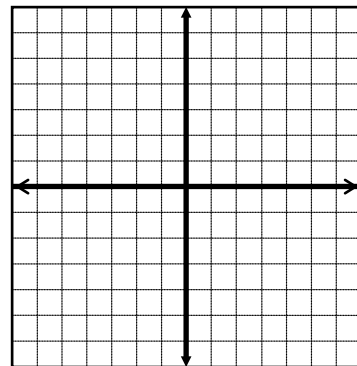
HW6: 2.6 (Rational Functions)

Use the seven step process to graph the following rational functions.

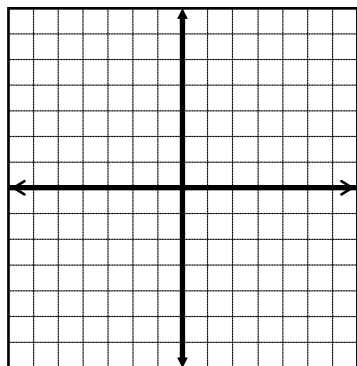
1) $f(x) = \frac{x^2 - 9}{x - 2}$



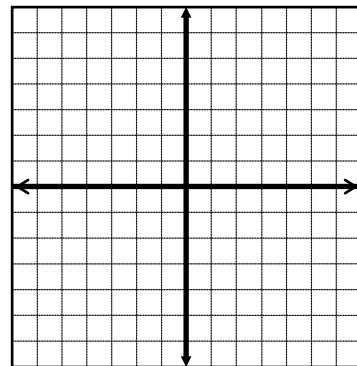
2) $f(x) = \frac{x^2 + 2x - 8}{x^2 - 4}$



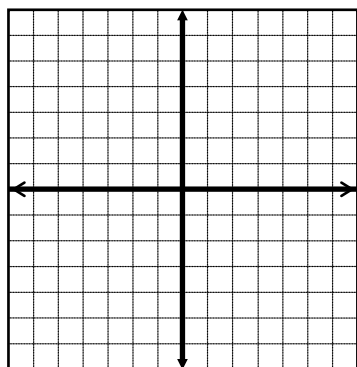
3) $f(x) = \frac{x^2}{x^2 - 9}$



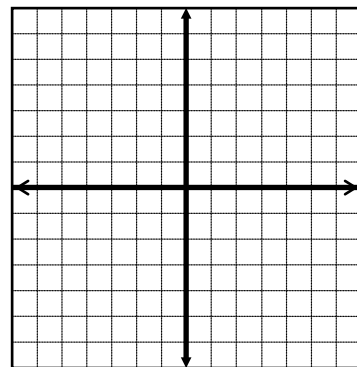
4) $f(x) = -\frac{2}{x^2 + 2x + 1}$



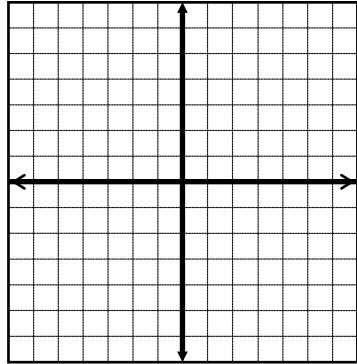
5) $f(x) = \frac{2x^2 + x + 1}{x + 1}$



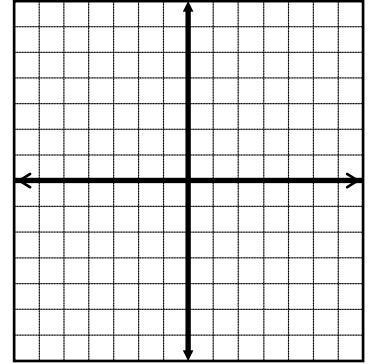
6) $f(x) = \frac{x + 3}{x^2 - 9}$



$$7) f(x) = \frac{x^2 + 2x + 1}{x - 1}$$



$$8) f(x) = \frac{2x^2 + 3x - 2}{x^2 + x - 2}$$



$$9) f(x) = \frac{x^2 - 4}{x}$$

