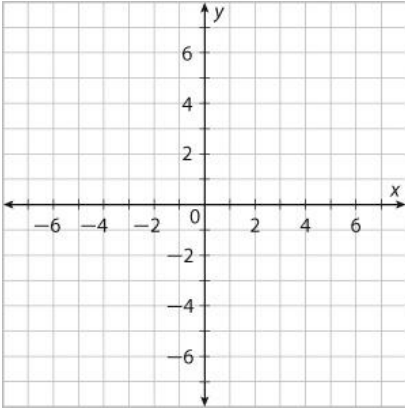
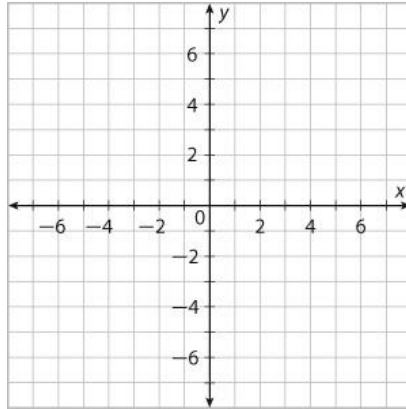


8.2 practice: Identify the holes, the asymptotes, x and y intercepts of each rational function. Then graph the function

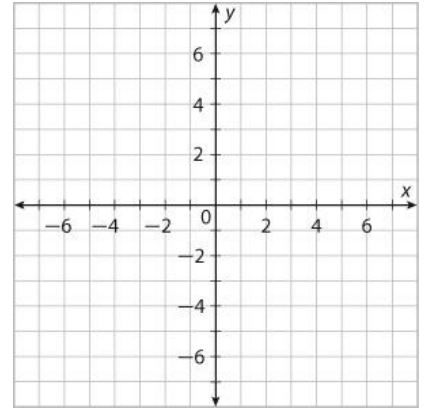
1) $f(x) = \frac{x+2}{-2x^2-8x}$



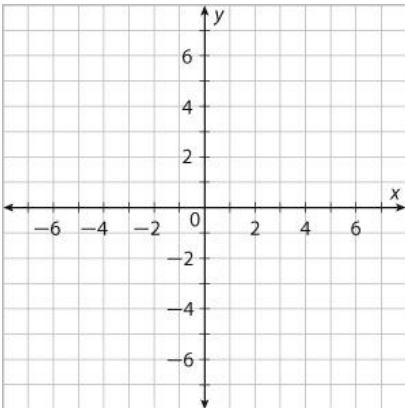
2) $f(x) = \frac{-x^2+1}{x^2-3x+2}$



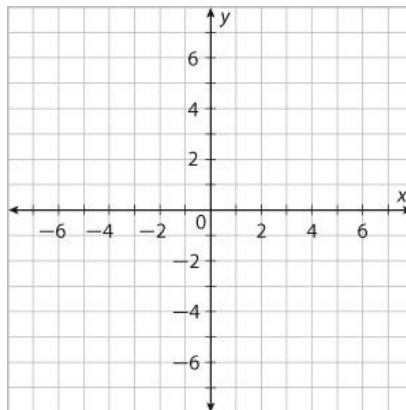
3) $f(x) = \frac{2x^2}{2x+2}$



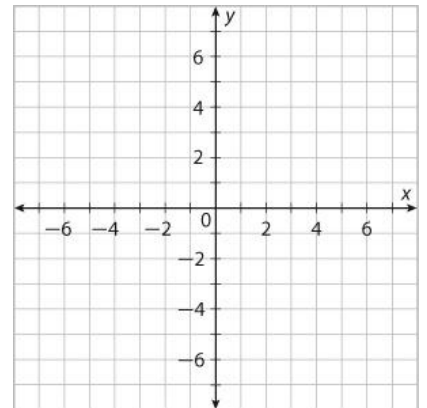
4) $f(x) = \frac{x^2-3x}{x+4}$



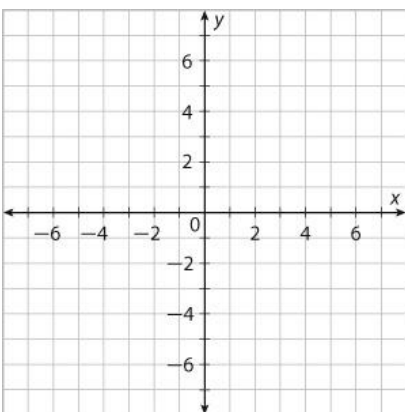
5) $f(x) = \frac{-x-4}{x^3+2x^2-8x}$



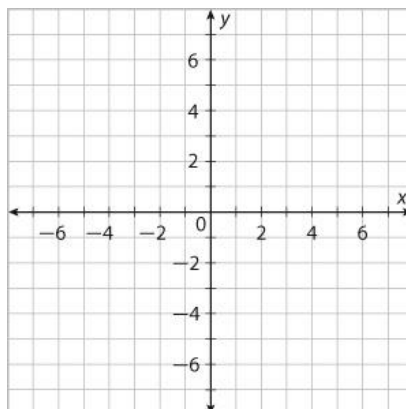
6) $f(x) = \frac{3x^2-3}{x^2+x-6}$



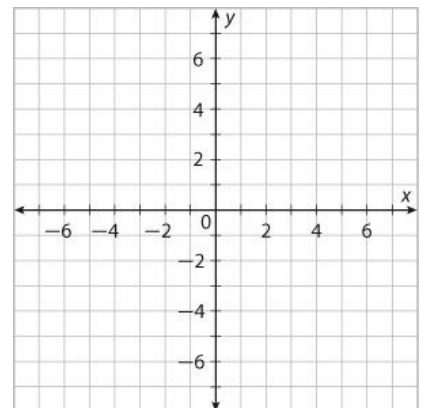
7) $f(x) = \frac{x^2-2x}{x^2-6x}$



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



9) $f(x) = \frac{4}{x^2-x-6}$



8.2 practice: Identify the holes, the asymptotes, x and y intercepts of each rational function. Then graph the function