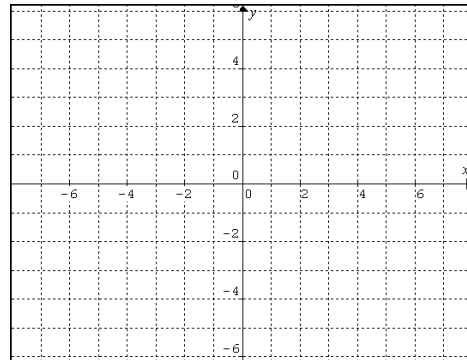


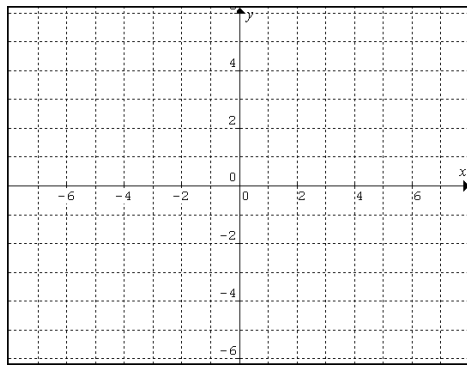
Name _____ Date _____

Graph the Polynomial

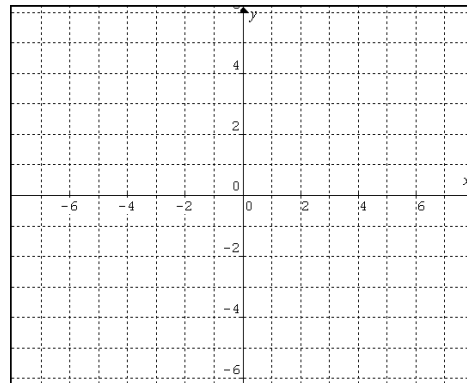
1) $f(x) = x^3 - 4x^2 + 4x$



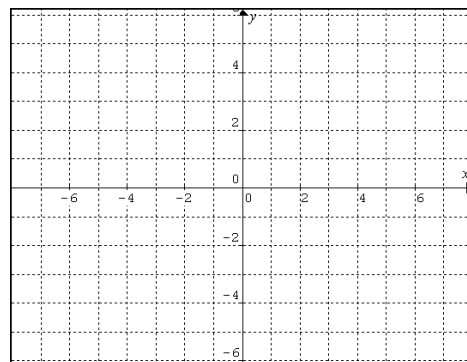
2) $f(x) = -x^3 + 4x^2 - x$



3) $f(x) = x^4 - 4x^3 + 4x^2$

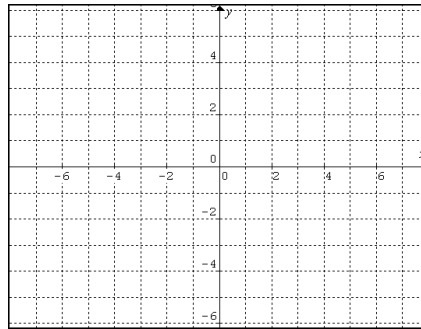


4) $f(x) = x^4 - x^3 - 6x^2$

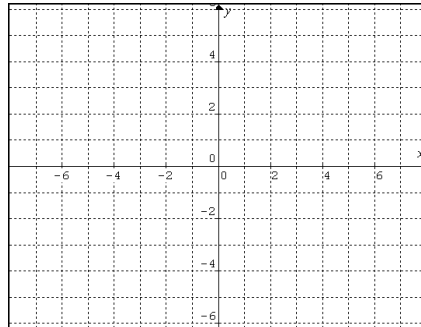


Graph the Rational Function

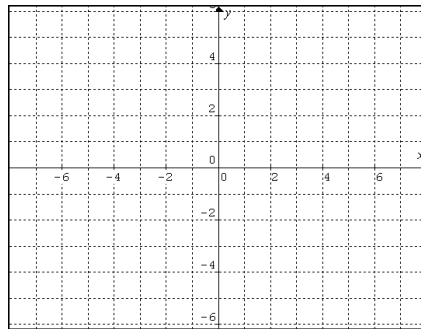
$$5) r(x) = \frac{2x+3}{x+1}$$



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



$$7) r(x) = \frac{x^2-5x+4}{x^2-4}$$



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

