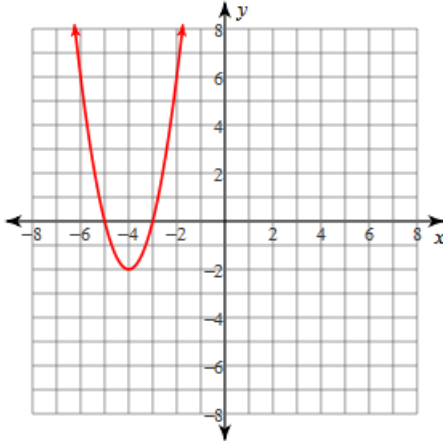
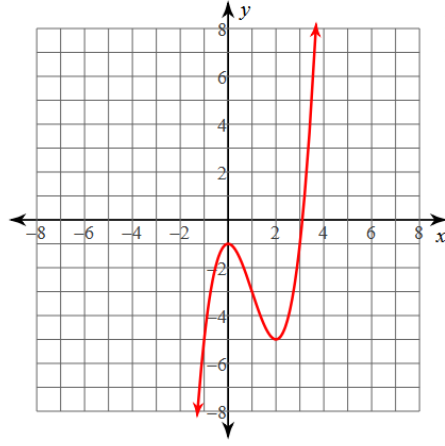


Find the Maximum, Minimum, Real Zeros, and the intervals of increase and decrease.

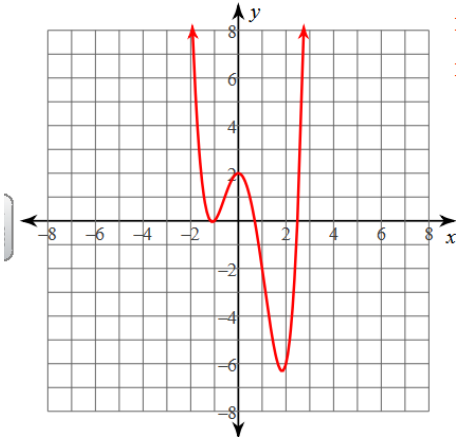
1)  $f(x) = 2x^2 + 16x + 30$



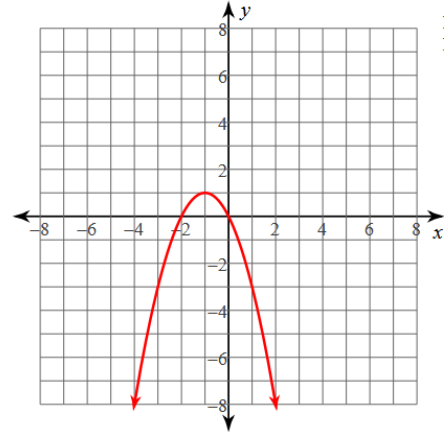
2)  $f(x) = x^3 - 3x^2 - 1$



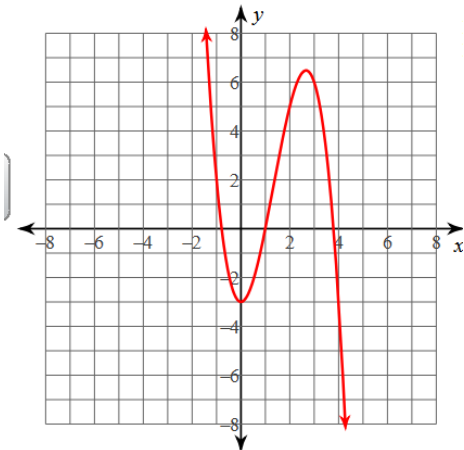
3)  $f(x) = x^4 - x^3 - 4x^2 + 2$



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



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



6)  $f(x) = x^3 - 1 - 3x$

