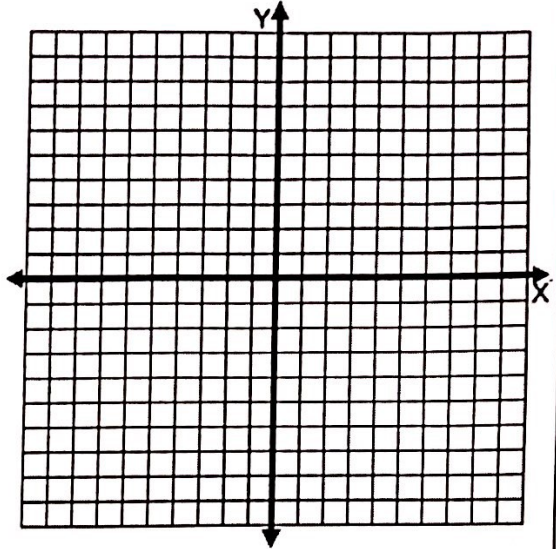
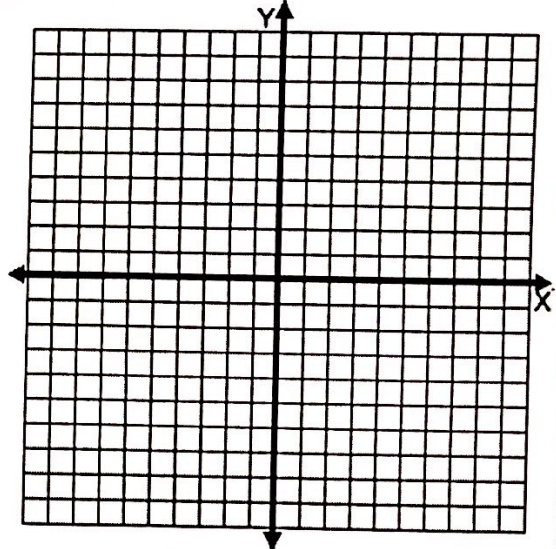


EX2. $f(x) = 3x^4 - 6x^2 + 3$		
Factored Equation: $f(x) = 3(x-1)^2(x+1)^2$		
Zeros (with multiplicity): $x=1$ ; mult 2 $x=-1$ ; mult 2	Intervals for Positive/Negative:  Positive Only	
Extrema: Abs. Min @ $(-1, 0)$ Abs. Min @ $(1, 0)$ Rel Max @ $(0, 3)$	Intervals for Increasing/Decreasing: I: $(-1, 0)$ and $(1, \infty)$ D: $(-\infty, -1)$ and $(0, 1)$	
End Behavior: $x \rightarrow -\infty$ and $y \rightarrow \infty$ $y \rightarrow \infty$ and $x \rightarrow \infty$		Y-intercept: $(0, 3)$

EX3. $f(x) = -2x^5 - x^4 + 6x^3$		
Factored Equation: $f(x) = -x^3(2x-3)(x+2)$		
Zeros (with multiplicity): $x=-2$ ; mult. 1 $x=0$ ; mult. 3 $x=\frac{3}{2}$ ; mult. 1	Intervals for Positive/Negative:  + / -	
Extrema: Rel Min @ $(-1.56, -10.22)$ Rel Max @ $(1.16, 3.35)$	Intervals for Increasing/Decreasing: I: $(-1.56, 1.16)$ D: $(-\infty, -1.56)$ and $(1.16, \infty)$	
End Behavior: $x \rightarrow -\infty$ and $x \rightarrow \infty$ $y \rightarrow \infty$ and $y \rightarrow -\infty$		Y-intercept: $(0, 0)$