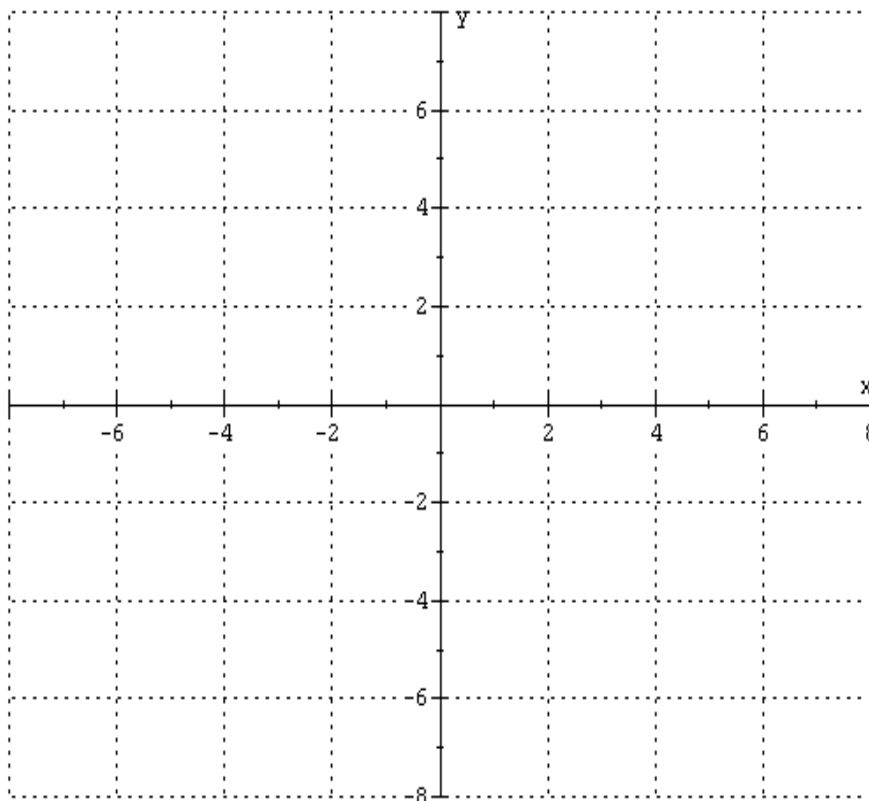


1.) Given the Polynomial $f(x) = -x^3(x+1)(x-3)$, determine the following.

- a. Degree. b. How many local Max/Min (smooth turns). c. End Behavior.

- d. Zeros. e. x-intercepts. f. y-intercept.

g. Graph



2.) Given the Polynomial $f(x) = \frac{1}{2}x(x-1)^2(x-4)$, determine the following.

a. Degree.

b. How many local Max/Min (smooth turns).

c. End Behavior.

d. Zeros.

e. x-intercepts.

f. y-intercept.

g. Graph

