Polynomials 2a – End Behavior	Name
Homework #4	Per Date

1. Given the degree and leading coefficient of a polynomial function, sketch its end-behavior:

a) Degree = 4 Ld. Coef = 3	b) Degree = 3 Ld. Coef = -2	c) Degree = 5 Ld. Coef = 2	d) Degree = 6 Ld. Coef = -2

2. For each of the following functions, state the degree, the leading coefficient, and the y-intercept. Then draw a sketch showing ONLY the end-behavior. Make sure to put the polynomial in standard form first!





3. For each of the following polynomial graphs, circle whether the polynomial is of even or odd degree, whether its leading coefficient is positive or negative, and state a possible parent function.

