Name:

Period: ____ Due Date: March 4, 2019

Power & Polynomial Functions Homework #6

Directions: Sketch a graph of each of the following functions and identify the end behaviors.





Directions: Determine the type of symmetry of the function below (even/odd) and explain your reasoning.



Directions: Graph the transformations of the power functions and describe the transformations.



Directions: Sketch a graph of each of the functions given the characteristics.

1. f(x) is a negative degree 5 function that has a y-intercept at y=2 and x-intercepts at x=4, x=2, x=-3, x=7, and x=-1.



2. g(x) is an even degree function that has an absolute maximum at (2,6) and xintercepts at x=1 and x=-1.

