**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date** \_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­

**Grouping:**

1. 
2. 
3. 

**What about problems with a higher degree?**

1. 
2. 

**Factor and Check your answers!!**

1. 
2. 
3. 
4. 
5. 
6. 

1. 
2. 

|  |  |  |
| --- | --- | --- |
| **State whether the following is Even, Odd or Neither** | | |
|  |  |
| |  |  | | --- | --- | | **State whether the following is Even, Odd or Neither** | | |  | 1. [image] 2. [image] |   **Use the graph and find the following:**   1. Domain: \_\_\_\_\_\_\_\_ 10. Range: \_\_\_\_\_\_\_\_\_\_\_\_ 2. Intervals of Increasing: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3. Intervals of Decreasing: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4. [image]Relative Maximums: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 5. Relative Minimums: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6. # of Extrema: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 7. Y-intercept \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 8. End Behavior | | |