Honors Algebra 2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_

**Characteristics of Rational Functions**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Describe the asymptote(s), domain, and range for each function.*** | | | | | |
| 1.) | 2.) | | | 3.) | |
| ***Identify the zeros and asymptote(s) of the function.*** | | | | | |
| 4.) | | | 5.) | | |
| 6.) | | | 7.) | | |
| ***Identify holes in the graph of each function.*** | | | | | |
| 8.) | | 9.) | | | 10.) |