**Even, Odd or Neither**

1. For each equation below, determine if the function is Odd, Even, or Neither.

* 1. 
  2. 
  3. 

2. For each equation below, determine if the function is Odd, Even, or Neither.

1. 
2. 
3. 

|  |  |
| --- | --- |
| Function | Even, Odd, or Neither |
| Constant Function |  |
| Identity Function |  |
| Quadratic Function |  |
| Cubic Function |  |
| Reciprocal |  |
| Reciprocal squared |  |
| Cube Root |  |
| Square Root |  |
| Absolute Value |  |

Selected Answers:

1a. Even, b. Neither c. Odd

2. a. Neither b. Even c. Odd

|  |  |
| --- | --- |
| Function | Even, Odd, or Neither |
| Constant Function | Even |
| Identity Function | Odd |
| Quadratic Function | Even |
| Cubic Function | Odd |
| Reciprocal | Odd |
| Reciprocal squared | Even |
| Cube Root | Odd |
| Square Root | Neither |
| Absolute Value | Even |