Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_FA Quick Sketches of Basic Functions and their traits Hour \_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Parent natural base LOG Function | | | Parent Reciprocal Function | | | Parent Square Root Function | | |
|  | | |  | | |  | | |
| State the domain of this function TWO different ways | | | State the domain of this function TWO different ways | | | State the domain of this function TWO different ways | | |
| State the range of this function TWO different ways | | | State the range of this function TWO different ways | | | State the range of this function TWO different ways | | |
| EVEN | ODD | NEITHER | EVEN | ODD | NEITHER | EVEN | ODD | NEITHER |

|  |  |  |
| --- | --- | --- |
| Briefly explain what ODD functions are.  Provide examples and support numerically and with proper mathematics vocabulary and symbol usage | Briefly explain what EVEN functions are.  Provide examples and support numerically and with proper mathematics vocabulary and symbol usage | Briefly explain what functions that are neither EVEN nor ODD functions are.  Provide examples and support numerically and with proper mathematics vocabulary and symbol usage |
|  |  |  |