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

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| --- | --- | --- |
| Parent natural base LOG Function$$y=ln⁡(x)$$ | Parent Reciprocal Function$$y=\frac{1}{x}$$ | Parent Square Root Function$$y=\sqrt{x}$$ |
|  |  |  |
| 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 |
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