**Domain and Range Formula Sheet:**

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| --- | --- | --- |
| Linear Functions: | Horizontal Line: (m = 0) | Vertical Line: (m = undefined) |
| Quadratic Functions: (a = +) | Quadratic Functions: (a = +) | Quadratic Functions: (a = -) |
| Cubic Functions: | Cube Root Function: | Absolute Value Functions: (a = +) |

|  |  |  |
| --- | --- | --- |
| Absolute Value Functions: (a = -) | Exponential Functions: | Exponential Functions: |
| Exponential Functions: | Exponential Functions: | Logarithmic Functions: |
| Logarithmic Functions: | Logarithmic Functions: | Logarithmic Functions: |

|  |  |  |
| --- | --- | --- |
| Radical Functions: | Radical Functions: | Radical Functions: |
| Radical Functions: | Rational Functions: (a > 0) | Rational Functions: (a > 0, k > c) |
| Rational Functions:    Note: b > h and c > k. | Rational Functions:    Note: h > b and c > k. | Complex Radical Functions: |

**Steps for Finding the Domain of Certain Functions:**

Note: A number line may be helpful for #3 and #6.