Cheat Sheet

## Powers

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## Logarithms

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## Terminology

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| Term | Example | Description |
| Expression |  |  |
| Term |  | A part of an expression. Note we highlighted the term 4x in the example |
| Coefficient |  | The numberical multiplier in a term |
| Equation |  | An equation requires an equals sign |
| Inequality |  |  |
| Formula |  |  |
| Function |  |  |
| Function Value |  |  |

## Symbols

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| --- | --- | --- | --- |
| Symbol | Meaning | Example | Description |
|  | Set |  | The set consisting of the objects 1 and 2 |
|  | Such that |  | The set of all x such that |
|  | Existential qualifier (there exists) |  | There exists an integer x such that |
|  | Univeral qualifier (for all) |  | For all positive integers x, |
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