

What Is Algebra? — Cheat Sheet

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WHAT IS ALGEBRA?

1. A letter = an unknown number (a named mystery box).
2. Any letter works: n , x , y , a ...
3. The letter's value can change between problems.
4. Swap letter $\leftrightarrow$ box whenever it helps.

Example: $n + 3 = 10 \rightarrow n = 7$ (same as $\square + 3 = 10$).