



Using Variables in Expressions

Today's Standard

6.EE.B6 - Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.

Cues	Notes
What is a variable?	A variable is a symbol that represents a number.
How can variables be used?	Variables can be used to generalize mathematical expressions and solve real-world problems.
Examples of variables in real life?	Examples include calculating costs, budgeting, and predicting outcomes.
Common misconceptions about variables?	Misconception: Variables only represent unknowns or a specific number.
How to solve expressions with variables?	To solve expressions with variables, substitute the variable with a number and perform arithmetic operations.

Summary

Variables are symbols that represent numbers and are used to write expressions for solving problems. They are flexible and can represent different values depending on the context. Understanding variables is essential for progressing in algebra and higher mathematics.