

Cornell Note

Understanding Whole-Number Exponents

Today's Standard

6.EE.A1 - Write and evaluate numerical expressions involving whole-number exponents.

Cues	Notes
What is an exponent?	Exponents represent repeated multiplication.
How do you evaluate expressions with exponents?	To evaluate, multiply the base by itself as many times as the exponent indicates.
What is the base in an exponent?	The base is the number that is being multiplied.
Common misconceptions about exponents	Students often confuse exponents with multiplication and mix up base and exponent.
Real-world applications of exponents	Exponents are used in calculating compound interest, population growth, and scientific notation.

Summary

Exponents are a way to represent repeated multiplication. Understanding how to evaluate expressions with exponents is crucial for solving more complex mathematical problems and has many real-world applications.