



Properties of Integer Exponents

Today's Standard

8.EE.A1 - Know and apply the properties of integer exponents to generate equivalent numerical expressions. For example, $32 \times 3^{-5} = 3^{-3} = 1/3^3 = 1/27$.

Cues	Notes
What are integer exponents?	Integer exponents are numbers that indicate how many times to multiply a base number by itself.
How do you multiply exponents?	When multiplying exponents with the same base, add the exponents together.
What are common mistakes?	Common mistakes include adding bases instead of exponents and confusing multiplication rules with addition rules.

Summary

Understanding and applying the properties of integer exponents is essential for simplifying expressions and solving algebraic equations.