



Radicals and Rational Exponents

Today's Standard

HSN.RN.A2 - Rewrite expressions involving radicals and rational exponents using the properties of exponents.

Real-World Applications for this Standard

Simplifying scientific notation in chemistry; Calculating interest rates in finance; Engineering calculations involving roots; Physics formulas with exponents; Computer algorithms involving power functions

Today I Learned

Today, we learned how to rewrite math problems that have square roots and fractions in the exponents. This helps us solve harder math problems later on.

Common Stumbling Blocks

Sometimes, kids mix up the rules for adding and multiplying exponents. They might also think the rules change for negative or fraction exponents, but they don't.

Quiz Me

- What is a radical?
- What is an exponent?
- How do you add exponents?
- How do you multiply exponents?
- Can you change a square root to an exponent?

Help Me

When you see a math problem with a square root or a fraction in the exponent, you can use special rules to make it simpler. For example, in science, you might need to use these rules to understand how chemicals react!