



## Understanding Whole-Number Exponents

### Today's Standard

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

### Real-World Applications for this Standard

Calculating compound interest; Determining population growth; Understanding scientific notation; Computing areas and volumes in geometry; Analyzing exponential growth in biology

### Today I Learned

Today, we learned about whole-number exponents. Exponents show how many times to multiply a number by itself.

### Common Stumbling Blocks

Some kids think exponents are the same as multiplication. Others mix up the number being multiplied and the number of times it is multiplied.

### Quiz Me

- What is an exponent?
- How do you use an exponent?
- What is the base in an exponent?
- Can you give an example of an exponent?
- Why are exponents important?

### Help Me

Exponents show up in real life when we calculate things like interest on money in the bank or how fast populations grow. They help us understand big numbers easily.