



Name: _____ Group: _____

Introduction to Exponents: Understanding the Key Terms

When you multiply the same number over and over, you can write the problem using an exponent. Take a closer look at the terms we use when talking about exponents.

$2^3 = 2 \times 2 \times 2 = 8$

Base: the factor that is repeatedly multiplied

Exponent: tells how many times the base is used as a factor

Expanded form: uses the base and exponent to write out the repeated multiplication

Value: the result of your calculation, or your answer

Let's practice! Use what you learned to fill in the blanks.

$$4^2$$

Base number: _____ Exponent: _____

Expanded form: _____

Value: _____

$$5^3$$

Base number: _____ Exponent: _____

Expanded form: _____

Value: _____