



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

**Match each of the following terms to its definition:**

Square number

Base of an exponent

Exponential notation

Exponent

1. \_\_\_\_\_ - the number that is raised to a power; the number multiplied by itself a certain amount of times based on the exponent

Example:

exponent

$$4^3 = 4 \times 4 \times 4$$

base

2. many

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3. in a number to show

10<sup>6</sup>

exponential notation

4. multiplying a number by itself - the product of

Examples:

$$3 \times 3 = 3^2 = 9$$

$$8 \times 8 = 8^2 = 64$$

$$10 \times 10 = 10^2 = 100$$



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

**Match each of the following terms to its definition:**

Square number

Base of an exponent

Exponential notation

Exponent

**1. base of an exponent** - the number that is raised to a power; the number multiplied by itself a certain amount of times based on the exponent

Example:

exponent

$$4^3 = 4 \times 4 \times 4$$

base

2. exp base n

3. exp a num show l

$10^6$   
exponential notation

**4. square number** - the product of multiplying a number by itself

Examples:

$$3 \times 3 = 3^2 = 9$$

$$8 \times 8 = 8^2 = 64$$

$$10 \times 10 = 10^2 = 100$$