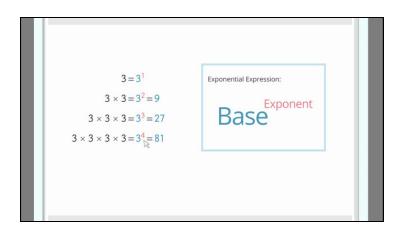


Printable Worksheets from sofatutor.com

Writing and Evaluating Expressions with Exponents



(1)	Label the base as well as the exponent.
2	Show how to write the given situation as an exonential expression.
	Evares the following problem as a mathematical evaression













The complete package, including all problems, hints, answers, and detailed answer explanations is available for all sofatutor.com subscribers.



Label the base as well as the exponent.

Fill in the blanks.

Here $\underline{}_{\underline{}}$ is the base and $\underline{}_{\underline{}}$ is the exponent.

$$oxed{2}$$
 $3^3=27$

Here $_{3}$ is the base and $_{4}$ is the exponent.

$$3$$
 3^x

Here $_{\underline{}\underline{}\underline{}\underline{}\underline{}\underline{}$ is the base and $_{\underline{}\underline{}\underline{}\underline{}\underline{}}$ is the exponent.

$$(4)$$
 5³

Here $\underline{\ \ }_{\underline{\ \ },\underline{\ \ }}$ is the base and $\underline{\ \ }_{\underline{\ \ },\underline{\ \ }}$ is the exponent.



Mathematics / Middle School / Expressions and Equations / Writing and Evaluating Expressions and Formulas/Writing and Evaluating Expressions with Exponents

Hints for solving these problems



Label the base as well as the exponent.

Hint #1

The exponent is the number of times you multiply the base by itself.

Hint #2

In general a power is given by a^n , where a stands is the base of the power.

Hint #3



Exponential Expression:

Keep the meaning of the corresponding positions in mind.

Hint #4



In the example beside 7 is the base while 5 is the exponent.





Answers and detailed answer explanations for these problems



Label the base as well as the exponent.

Answer key: 1: 3 // 2: 2 // 3: 3 // 4: 3 // 5: 3 // 6: x // 7: 5 // 8: 3



In general a power is given by a^n , where a is called the base and n is called the exponent.

You can read it as a raised to the power of n.

