

1.2 - EXPONENTS:

The bottom # is the **BASE**. The # the base is raised to is called the **EXPONENT**. A base and the **EXPONENT** are called a **POWER**.

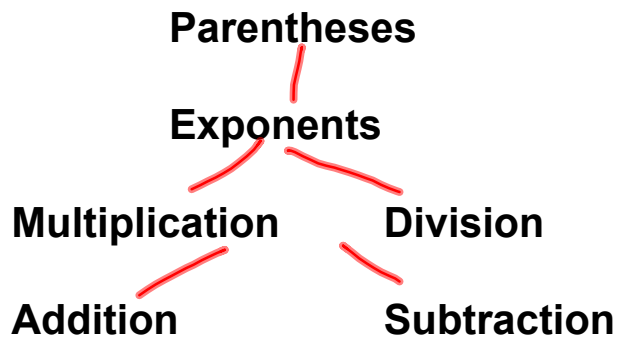
Calculate an exponent by multiplying the base by itself the number of times in the power.

Simplify the following exponents:

ORDER OF OPERATIONS:

PEMDAS:

<u>P</u> lease	Parentheses
<u>E</u> xcuse	Exponents
<u>M</u> y	Multiplication
<u>D</u> ear	Division
<u>A</u> unt	Addition
<u>S</u> ally	Subtraction



If multiplication and division OR addition and subtraction are on the same line. Just calculate from left to right.

$$\underline{-4 + 2 + 6 - 7}$$