

Evaluate Expressions & Exponents EEF1

Variable - letter used to represent one or more numbers
(either unknown or can vary)

Ex: m

Constant - value that does NOT change

Ex: 12

Numerical Expression - only contains constants & operations

ex: 3^*-4

→ +, -, *, /, √, ||

Algebraic Expression - contains constants, variables, & operations

ex: $3n+2$

Evaluate - simplify the expression by plugging in #s for variables

Values
 $a+b$ $a=3, b=2$ $a+b=5$

Power - is an expression that represents repeated multiplication of the same factor

ex: $3^4 = 3*3*3*3$

power of 3

Base - the factor being multiplied by itself

ex: the 3 in 3^4

Exponent - the number of times the the base is used as a factor

ex: the 4 in 3^4