

Expressions : Operations

Name	explanations
Addition	$12 + 3$ " <i>three added to twelve</i> " " <i>the sum of twelve and three</i> ", " <i>twelve plus three</i> " ..
Subtraction	$2 - 5 = -3$ " <i>two minus five is equal to minus three</i> " or <i>neagtive three</i> and more..
multiplication	$3 \times 5 = 3 \cdot 5 = 15$ " <i>three times five</i> "
fractions, ratios divisions	$15 \div 3 = \frac{15}{3} = 5$ " <i>fifteen divided by 3</i> " or " <i>fifteen over 3</i> "

Expressions : exponents and radicals

Name	explanations
square root	$\sqrt{12}$ <i>square root of twelve</i>
exponents a^b	4^{10} <i>"four to the power or 10"</i>
cubed	5^3 <i>"five cubed"</i>
	$2(x + 1)^3$ <i>"two times the cube of ex plus one"</i>
squared	3^2 <i>"three squared"</i>
	$(2x)^2$ <i>"two ex all squared"</i>

Brackets $()\{\}\llbracket\rrbracket\langle\rangle$

from french word *braguette*

- $()$ round brackets, or parentheses
- $\llbracket\rrbracket$ square brackets
- $\langle\rangle$ angle brackets, no use in highschool maths.
- $\{\}$ curly brackets, used to describe *sets*

