brainfaq

Math

ADDITION	
Plus	+
Equals	=
Sum	a+b=**c** (outcome of an addition)
Solution	Outcome of equations

SUBTRACTION	
Minus	-
Negative	**-**a
Difference	a-b=**c** (outcome of a subtraction)
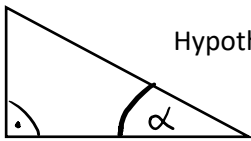
MULTIPLICATION	
Times	a **x** b (a times b)
Multiply by	a **x** b (a multiplied by b)
Product	a x b = **c** (outcome on a multiplication)

DIVISION	
a over b (US) a on b (UK)	a/b
a divided by b	a : b
Fraction	a/b
Equals about	≈
Decimal number	a,bcdef
Point / Comma	. ,

POWER	
Squared	a^2
Cubed	a^3
To the nth power / To the power of n	a^n
Brackets	( )
Curly brackets	{ }
Squared brackets	[ ]

INTEGRAL	
Primitive / Antiderivative	F(x)
Function	f(x)
Derivative	f'(x)
Second derivative	f''(x)
Integral	$\int a$
Limits of an integral	$\int_b^c a$ (b and c are the limits of the integral over a)
Upper limit	$\int_b^c a$ (c is the upper limit)
Lower limit	$\int_b^c a$ (b is the lower limit)

ROOTS	
Root	$\sqrt{}$
Square root	$\sqrt{}$
Cube root	$\sqrt[3]{}$
Degree of root	$\sqrt[4]{}$
Extract the root	The operation of calculating the root

TRIGONOMETRY	
Trigonometric functions	All functions related to a right angled triangle (sin, cos, tan,…)
Sine	sin(a) (sine of a)
Cosine	cos(a) (cosine of a)
Tangent	tan(a) (tangent of a)
Arc tangent	$\tan^{-1}(a)$ (arc tangent of a)
Cotangent	cot(a) (cotangent of a)
Right angled triangle	Opposite side — Hypothenuse — Adjacent side
Hypothenuse	Connects the two acute angles
Adjacent side	The edge on the angle you analyse
Opposite side	The edge opposite to the angle you analyse