MathBlo$x$

Blocks to build math

## Game objective

A box which contains a magnetic grid and different blocks with math signs on it. It is open ended and can therefore be used in any preferred way.

## Purpose

This is a game which makes math tangible. The building blocks make use of general math notation. This is something which is considered to be good for the user so his notations will also make sense to outstanders.At the same time this leaves room for creativity in generating new math notation with the blank blocks.

## Elements

The game consist of the following objects:

* A box in which all blocks can be sorted stored.
* A magnetic grid on which the blocks kan be placed.
* The MathBlσ$x$:
	+ Plus sign 4x medium
	+ Minus sign 4x medium
	+ Multiplication sign 4x medium
	+ Division sign 4x medium
	+ Equal sign 3x medium
	+ About equal sign 1x medium
	+ Bigger than 2x medium
	+ Brackets 2x medium
	+ Fraction lines 5x medium
	+ Root sign 3x large
	+ Summation sign 2x large
	+ Numbers: 3x medium+ 2x small
		- 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
		- $e, x,π , i$
	+ Blank ones: x large + x medium + x small

These blocks are al coloured according to the following system:

Arithmetic operators: orange

Numbers: blue

Equality, equivalence: dark green

Comparison: light green

letters (integers): grey

Linear and multilinear algebra: purple

Brackets: prink

