

Yinrih Mathematics

Image

The yinrih use a dozenal numeral system. The highest place value is closest to the beginning of the line, which means the digits decrease in value going from right to left. The yinrih also use a set of symbols representing orders of magnitude similar to how we use K, M, G etc to represent thousands, millions etc. Instead of being based on powers of 1000 (or every third power of 10) they're based on powers of 1728, which is 1000 in base 12, or 1 great gross.

Not pictured is the negative sign, which is a small upper half circle placed before first digit on the midline. There is also a similar symbol to denote imaginary numbers (which the yinrih call perpendicular or orthogonal numbers) which is a small lower half circle. You can denote a negative imaginary number with a full circle.

Revision #1

Created 2026-06-05 22:45:39 UTC by Lurker

Updated 2026-06-05 22:45:39 UTC by Lurker