Bases

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Decimal numbers use base 10 by default

A base 7 system as an example has the following values

Value of each column

… 73  72 71 70

=

… 343 49 7 1

Digits used are 0 to 6

2.

example

237 (base 7 number)

= 2 \* 7 + 3

= 1710 (base10 number)

3.

Most commonly used bases are 2, 8, 16 (computing) and 10 (general use)

Base 16

Digits 0-9, A-F