1.256 e23

1-bit sign
1.256 e23

1-bit sign
23-bits martissa

8-bits express

-128 -- 127

1.25 32-bit int 32-bit float

half

-1 b

float a, b, (O = V 6 = 0 (= V, associative (atb) to Not necessarily Not associative be equal to a+(b+c)

float f = 5/4 1.25 \rightarrow 1.0005.0/4 5/4.0

2.25/0.15 14.9999

O . 9 x D . 9 0 - 9 × 0 - 5 J -

arbitrary Precision liboaries CMP

- Round to nearest - Rohand to the - Kond to -inf () (8) - Round to Zero fehv. () - 9