

Diagram illustrating the layout of a floating-point number:

- Znamienko** (Sign): A single bit field.
- Mantisa** (Mantissa): A sequence of bits, divided into four parts: $n-1$, $n-2$, $n-3$, and $n-4$.
- Weights**: The weights 2^1 , 2^0 , and 2^{-1} are associated with the first three parts of the mantissa.
- Ellipsis**: A sequence of dots indicating further bits in the mantissa.
- Zero**: A final bit field.

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