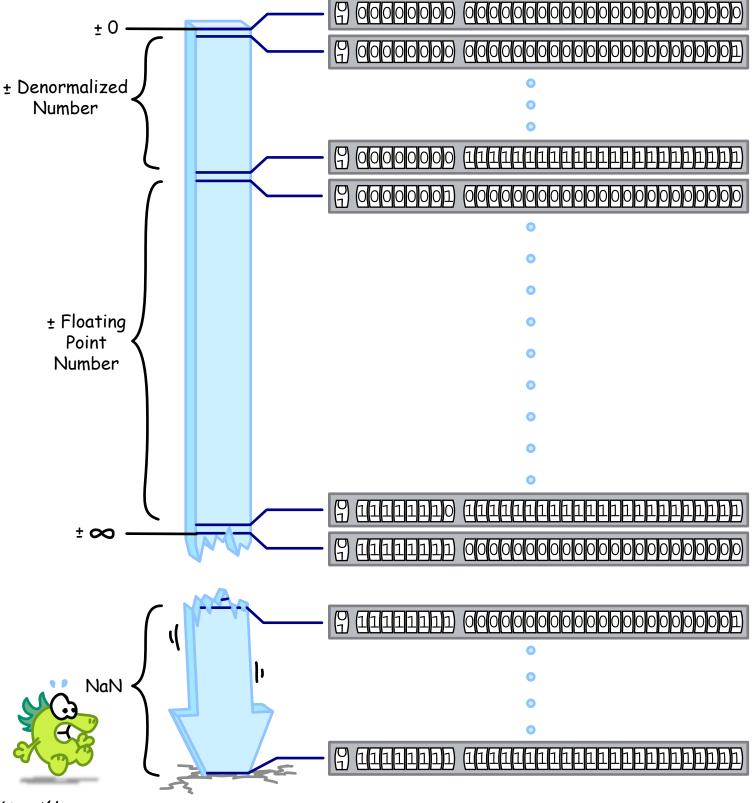# Floating-Point Numbers:
The Great Number Line

Due to the format of the IEEE-754 standard, the floating-point numbers can be plotted on a number line.
In fact, the floating-point numbers are arranged so that they can be incremented like a binary odometer!

± 0

± Denormalized Number

± Floating Point Number

± ∞

NaN