

# Numbers: Integers & Floats



**Integers** - numbers without a decimal point. 3, 4, 5

**Floats** - a floating point number, a number with a decimal point. These are used when more precision is needed. 3.03, 4.17, 5.23

# Numbers



Integers and floats form part of the SAME data type in JavaScript - they are both numbers.

In addition to integers and floats, the number type has three symbolic values:

`+Infinity`, `-Infinity` and `NaN`

# Numbers: Infinity



The value Infinity (positive infinity) is greater than any other number.

Mathematically, this value behaves the same as infinity: any number multiplied by infinity equals infinity. Any number divided by infinity equals 0.



## **Numbers: NaN**

The global NaN property represents “Not-A-Number”.