Mixing Numbers & Strings

You saw the example with a number and a "text number" being added

in JavaScript.

That happens because the poperator also supports strings (for string concatenation).

It's the only arithmetic operator that supports strings though. For example, this will not work:

NaN is covered a little later, the core takeaway is that you can't generate a string of 'h' with the above code. Only + supports both strings and numbers.

Thankfully, JavaScript is pretty smart and therefore is actually able to handle this code:

Please note: It yields the number (!) 9, NOT a string '9'!

Similarly, these operations also all work:

Just 3 + '3' yields '33' because here JavaScript uses the "I can combine text" mode of the 4 operator and generates a string instead of a number.