Hi Dr. T!

4.5

0

-10

true

Hi Dr. T!

Let's get started!

half of 100 is 50

concatenate

0

4

51

NaN

false

1. Did any of the typeof outputs surprise you?

No not really

1. What is happening in step 5.1 that is causing the line break?

The /n is causing the line to break

1. What do you think is happening in 5.2? You might need to research this one. :)

the backticks and ${} syntax are used for template literals. This allows embedding expressions within strings. The expression ${100 / 2} is evaluated to 50 and included in the string, resulting in "half of 100 is 50".

1. Tell me why the output is what is is for 5.2 - 5.8.

5.2 half of 100 is 50 The template literal embeds the result of 100 / 2 into the string.

5.3 the + operator conanates the strings

5.4 null is treated as a 0 in js so 8 \* 0 is 0

5.5 the - operator convert “5” into 5 and subtracts 1

5.6 the + operator contantes “5” and 1 making 51

5.7 the string “five” can not be converted into an int resulting in nan when \* 2

5.8 false and true are not equal, so the comparison false==true evaluates to false