

1. Resolva as operações:

- $10 + 15 = 25$ (number)
- $"10" + 2 = "102"$ (string)
- $"10" * 2 = 20$ (number)
- $"10" / 3 = 3.33333$ (float)
- $"10" \% 3 = 1$ (number)
- $10 + \text{true} = 11$ (number)
- $10 == "10" = \text{true}$ (boolean)
- $10 === "10" = \text{false}$ (boolean)
- $10 < 11 = \text{true}$ (boolean)
- $10 > 12 = \text{false}$ (boolean)
- $10 \leq 10.1 = \text{true}$ (boolean)
- $10 > 9.99 = \text{true}$ (boolean)
- $10 \neq \text{"dez"} = \text{true}$ (boolean)
- $10 + \text{true} = 11$ (number)
- $\text{"dez"} + \text{true} = \text{"deztrue"}$ (string)
- $10 + \text{false} = 10$ (number)
- $10 * \text{false} = 0$ (number)
- $\text{true} + \text{true} = 2$ (number)
- $10++ = \text{Uncaught SyntaxError: Invalid left-hand side expression in postfix operation}$
- $10-- = \text{Uncaught SyntaxError: Invalid left-hand side expression in postfix operation}$
- $1 \& 1 = 1$ (number)
- $1 \& 0 = 0$ (number)
- $0 \& 0 = 0$ (number)
- $1 \& 0 = 0$ (number)
- $0 / 1 = 0$ (number)
- $5 + 5 == 10 = \text{true}$ (boolean)
- $"5" + "5" == 10 = \text{false}$ (boolean)
- $"5" * 2 > 9 = \text{true}$ (boolean)
- $(10 + 10) * 2 = 40$ (number)
- $10 + 10 * 2 = 30$ (number)

2) a) false

b) false

c) true

d) cinza

e) $\text{num_Prestacoes} = (\text{valor} - 3000) / \text{prestacao}$ (36 prestações)

f) `> let soma_Cor=branco+preto+cinza`

`> soma_Cor`

`'pretocinzabranco'`

`> soma_Cor.length`