1 Morgan's birthday parties

- Create this matrix
$$\begin{pmatrix} 7 & 4 & 2 \\ 8 & 5 & 4 \\ 10 & 4 & 3 \\ 1 & 0 & 0 \end{pmatrix}$$

- Add the following names to the rows: "birthday 2017", "birthday 2018", "birthday 2019", "birthday 2020".

- Add the following names to the columns: Gin, Vodka, Rum.

- How many bottles of rum did Morgan buy for his birthday in 2018?

- Create this matrix
$$\begin{pmatrix} 43 & 12 \\ 50 & 15 \\ 61 & 12 \\ 8 & 0 \end{pmatrix}$$

- Add the same names to the rows.

- Add the following column names: "tonic", "soda"

- Create a new matrix, named drinks, combining the two matrices. Do you have to use cbind or rbind?

- Assuming the prices were: gin 42 chf, vodka 25 chf, rum 30 chf, tonic 3.20 chf, soda 1.95 chf. How much did each birthday party cost?

2

♕ + ♕ + ♖ = 23

♕ + ♗ + ♗ = 15

♘ + ♘ + ♘ = 9

♘ + ♗ + ♕ = 15

♘ + ♘ + ♖ = ???