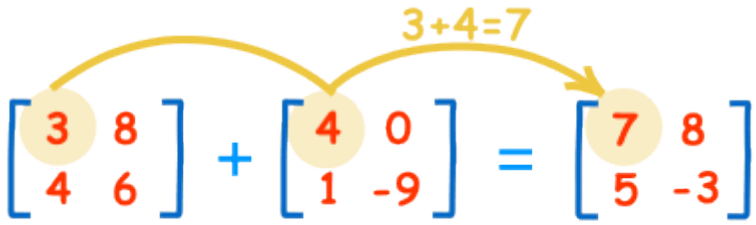
❖ MATRICES ADDITION

- To add two matrices: add the numbers in the matching positions:



These are the calculations:

3+4 = 7 8+0 = 8

4+1= 5 6−9 = −3

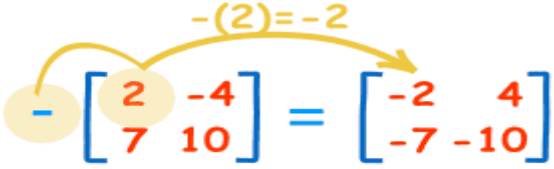
- The two matrices must be the same size, i.e. the rows must match in size, and the columns must match in size.

- Example: a matrix with **3 rows** and **5 columns** can be added to another matrix of **3 rows** and **5 columns**.

- But it could not be added to a matrix with **3 rows** and **4 columns** (the columns don't match in size)

Negative

➢ The negative of a matrix is also simple:



These are the calculations:

−(2) = −2 −(−4) = +4

−(7) = −7 −(10) = −10