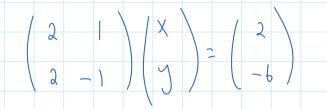
NOTE: perhaps you noticed that ex. 3 and 4 are kind of a mirror image of the exercises that you've done up to now:

We usually know the coefficients of the system, and we find the unknowns x and y But in 3 and 4 we knew the "unknowns" and we had to find the coefficients of the system

The coefficients of the system are, for now, the silent actors in the solution. But if you were to use another method, called the matrix method (ha! That's the REAL MATRIX), the system in 4 would look like this:



Can you see the coefficients?

Matrices are particularly useful if you have larger systems of equations, with lots of unknowns.