



4th ESO - UNIT 4:
FIRST & SECOND DEGREE EQUATIONS AND SYSTEMS
SYNTHESIS activity: "Magic Algebra" BOARD GAME

Are you ready to play "magic algebra"?
You will have 4 challenges ahead, the points you make in each step will be added and shared at the end with the class to find out the winner!

Step 0: Just to get into the subject, here is your first challenge!
You have to place each of the following expressions in a quadrant of the table so that the condition that each row and column has to add the same amount is met.
As a clue, I tell you that the sum has to give: **$12a + 15b$**

* You have to drag and drop each expression in the corresponding quadrant.
When you think it is OK you press **FINISH** to see your points and take note of it.

$3a + 8b$

$8a + 3b$

$7b$

$a + 4b$

		$6a + 9b$

$7a + 6b$

$2a + b$

$5a + 2b$

$4a + 5b$