

# Missing Multipliers

In order to solve this Missing Multipliers grid (Algebra expressions) efficiently, you would need to follow this process. It starts off with placing an  $x$  in each of the big box but only on one of the two small boxes as on the other box you're going to have an integer (the numbers that are between -1-5 and 5). E.g:



This is where you should put the 'x' in the boxes.

This is where you put the integer (number)

If this is your first time ~~you~~ and you are stuck, you can open all the cells in the middle because these are hints.

Now you should look at the top horizontal line (as the hints). Once you've done that, look at the numbers (at the bottom that are last) and you need to look at

What's common between them. If you find the appropriate one, you put it on the ~~5~~ first box in the vertical line but it depends as it might have a + sign or a - sign.

E.g:

+	X	+	=	+
-	X	-	=	+
+	X	-	=	-
-	X	+	=	-

- = negative  
+ = positive

As you're sliding the boxes in the horizontal line you find ~~out~~ what you X to make the expressions in the top 4 horizontal line of cells.

Now you still have to find out the other boxes in the vertical section but all you do is do the same thing but going down. So as you find them everything would make sense. In the first ~~one~~ box, in the horizontal line, you could work out the first vertical line of the cells to find the common factor and finally you do the same and you found the answers!

From, Sajuthan and Ibraheem Yr6