ASSIGNMENT 3

When you are on an element in the grid, you only need to consider the 8 that are next to it

	j		
	0	1	2
0	i-1, j-1	i-1, j	i-1, j+1
i 1	i, j-1	**X**	i, j+1
2	i+1, j-1	i+1, j	i+1, j+1

To be able to access all of those cells around the one you are on, you need 2 loops – one for the row and one for the columns
You need to go 1 less and 1 more than the index of the element you are on

If a sequence of characters is not a prefix you can stop following that path as there is no way that it can be a word

Having a set of answers, if you have more than 1 way of the word being made it will only be shown once as a set cannot have duplicate values in it