Arrays

Arrays are like an ornament storage box.



- the number of dimensions = the number of indexes required to

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identify one compartment

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int	t[][] numbers = new int[5][3];
Whi bou	ich of the following expressions refer to legal spots in the array? (i.e. they are not out of nds) Choose all that apply.
	numbers[5][3]
	numbers[3][5]
☆	numbers[4][1]
	numbers[1][4]
☆	numbers[0][2]
	numbers[-1][2]
☆	numbers[2][0]
	numbers[2][-1]

key properties: multiple things of the same kind AND a grid or two indexes to refer to a particular value $% \left({\left[{{{\rm{AND}}} \right]_{\rm{AND}}} \right)$



nat value is printed when the following code is executed?
nt[][] numbers = new int[5][3];
pr (int row = 0 ; row < 5 ; row++) {
for (int col = 0 ; col < 3 ; col++) {
<pre>numbers[row][col] = row*col+row;</pre>
}
vstem.out.println(numbers[2][1]);
<pre>for (int col = 0 ; col < 3 ; col++) { numbers[row][col] = row*col+row; } stem.out.println(numbers[2][1]);</pre>

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