Varianta A

1. a) $(\mathbb{R}^2, \mathbb{R})$, $x = (3, -1)$

reper $B = \{b_1 = (0,2), b_2 = (-1,1)\}$

$[x]_B = ?$

	b_1	b_2	x
l_1	0	-1	3
l_2	2	1	-1
b_2	0	1	-3
l_2	2	0	2
b_2	0	1	-3
b_1	1	0	1

$l_1 = (1, 0)$
$l_2 = (0, 1)$ $\Big| B_c = \{e_1, e_2\}$

$[x]_B = (1, -3)$

verificare

$x = 1\, b_1 - 3\, b_2$

$(3, -1) = 1(0,2) - 3(-1,1) =>$

$(0,2) - (-3,3)$

$(3,-1)$ Ⓐ