

$a = [1, 2, 3, 4]$

$out = [24, 12, 8, 6]$

$$out[n] = \prod_{i=0}^{n-1} a[i] \cdot \prod_{i=n+1}^{a.size-1} a[i]$$

$$out[2] = \prod_{i=0}^1 a[i] \cdot \prod_{i=3}^3 a[i] = 2 \cdot 4 = 8$$

from left	1	2	6	24	120			
from right	5	20	60	120	120			
$[1, 2, 3, 4, 5]$	0	1	2	3	4			
	$[120, 60, 40, 30, 24]$							
	$r_3$	$r_2$	$l_0$	$r_1$	$l_1$	$r_0$	$l_2$	$l_3$