11 in Z_{26}

q	r_1	r_2	r	t_1	t_2	$t = t_1 - q \times t_2$
2	26	11	4	0	1	$0 - 2 \times 1 = -2$
2	11	4	3	1	-2	$1 - 2 \times -2 = 5$
1	4	3	1	-2	5	$-2 - 1 \times 5 = -7$
3	3	1	0	5	-7	

$-7 + 26 = 19$

$11^{-1} \bmod 26 = 19$

$19 \times 11 = 209 \bmod$

$= 1$

$= 1$ //