$$\begin{cases} 2x_1 + 2x_2 - x_3 + t_1 = 8 \\ x_2 + t_2 = 3 \\ 9x_1 + 3x_2 + x_4 = 27 \\ x_1, x_2, x_3, x_4, t_1, t_2 \geq 0 \end{cases}$$

$\max(-t_1 - t_2)$

Max $z = 4x_1 + 5x_2$

	x_1	x_2	x_3	x_4	t_1	t_2	b	
t_1	2	2	-1	0	1	0	8	
t_2	0	1	0	0	0	1	3	
x_4	9	3	0	1	0	0	27	
c^T	0	0	0	0	-1	-1	0	$L_4' \leftarrow L_4 + L_1 + L_2$
	2	3	-1	0	0	0	11	

$27 - 9 = 18$

	x_1	x_2	x_3	x_4	t_1	t_2	b	
t_1	2	0	-1	0	1	-2	2	$L_1' \leftarrow L_1 - 2L_2$
x_2	0	1	0	0	0	1	3	$L_2' \leftarrow L_2$
x_4	9	0	0	1	0	-3	18	$L_3' \leftarrow L_3 - 3L_2$
c^T	2	0	-1	0	0	-3	2	$L_4'' \leftarrow L_4' - 3L_2$

$-3 + 9 = 6$

	x_1	x_2	x_3	x_4	t_1	t_2	b	
x_1	1	0	-1/2	0	1/2	-1	1	$L_1'' \leftarrow L_1'/2$
x_2	0	1	0	0	0	1	3	
x_4	0	0	9/2	1	-9/2	6	9	$L_3'' \leftarrow L_3' - 9L_1''$
c^T	0	0	0	0	-1	-1	0	$L_4''' \leftarrow L_4'' - 2L_1''$

	x_1	x_2	x_3	x_4	t_1	t_2	b
x_1	1	0	-1/2	0	1/2	-1	1
x_2	0	1	0	0	0	1	3
x_4	0	0	9/2	1	-9/2	0	9
c^T	4	5	0	0	-1	-1	0
	0	0	2	0			-19

Max $z = 4x_1 + 5x_2$

$L_4' \leftarrow L_4 - 4L_1 - 5L_2$

	x_1	x_2	x_3	x_4	t_1	t_2	b
x_1	1	0	0	1/9	1/2	-1	2
x_2	0	1	0	0	0	1	3
x_3	0	0	1	2/9	-9/2	0	2
c^T	0	0	0	-4/9	-1	-1	-23

$L_1' \leftarrow L_1 + \frac{1}{2}L_3'$

$L_3' \leftarrow \frac{2}{9}L_3$

$L_4'' \leftarrow L_4' - 2L_3'$