

Pg# 8

\Rightarrow Now we have to manipulate this row in order to get 0 instead of M

$$\Rightarrow -MR_2 + R_4$$

	x_1	x_2	s_1	s_2	a_1	a_2	z	
s_1	$\frac{1}{2}$	$\frac{1}{4}$	1	0	0	0	0	4
a_1	1	1	0	0	1	0	0	10
a_2	1	3	0	-1	0	1	0	20
z	$-m+2$	$-m+3$	0	0	0	m	1	$-10m$

$$\Rightarrow -MR_3 + R_4$$

	x_1	x_2	s_1	s_2	a_1	a_2	z	
s_1	$\frac{1}{2}$	$\frac{1}{4}$	1	0	0	0	0	4
a_1	1	1	0	0	1	0	0	10
a_2	1	3	0	-1	0	1	0	20
z	$-2m+2$	$-4m+3$	0	m	0	0	1	$-30m$

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