

⇒ Select Pivot row and Pivot number.

	x_1	x_2	s_1	s_2	a_1	a_2	z	
s_1	$\frac{5}{12}$	0	1	$\frac{1}{12}$	0	$-\frac{1}{12}$	0	$\frac{28}{12}$
a_1	$\frac{2}{3}$	0	0	$\frac{1}{3}$	1	$-\frac{1}{3}$	0	$\frac{10}{3}$
a_2	$\frac{1}{3}$	1	0	$-\frac{1}{3}$	0	$\frac{1}{3}$	0	$\frac{20}{3}$
z	$\frac{-2m+3}{3}$	0	0	$\frac{m+3}{3}$	0	$\frac{4m-3}{3}$	1	$\frac{-10m-60}{3}$

⇒ Perform row operation to make Pivot equal to 1 and the remaining elements in the Pivot column equal to 0.

⇒ ($R_2 \div \frac{2}{3}$)

	x_1	x_2	s_1	s_2	a_1	a_2	z	
s_1	$\frac{5}{12}$	0	1	$\frac{1}{12}$	0	$-\frac{1}{12}$	0	$\frac{28}{12}$
a_1	1	0	0	$\frac{1}{2}$	$\frac{3}{2}$	$-\frac{1}{2}$	0	5
a_2	$\frac{1}{3}$	1	0	$-\frac{1}{3}$	0	$\frac{1}{3}$	0	$\frac{20}{3}$
z	$\frac{-2m+3}{3}$	0	0	$\frac{m+3}{3}$	0	$\frac{4m-3}{3}$	1	$\frac{-10m-60}{3}$