

x_8	12.0	$+1.000000x_1$	$+1.000000x_3 + 3.000000x_4 - 3.000000x_5 - 2.000000x_6 + 1.000000x_7$
x_9	3.0		$+3.000000x_4 + 2.000000x_5 - 2.000000x_6 - 3.000000x_7$
x_{10}	13.0	$+3.000000x_1 + 2.000000x_2 + 1.000000x_3$	$+2.000000x_5 - 3.000000x_6 - 2.000000x_7$
x_{11}	5.0	$-3.000000x_1 - 2.000000x_2 - 3.000000x_3$	$-3.000000x_4 + 2.000000x_5 - 3.000000x_7$
x_{12}	1.0	$+1.000000x_1 - 2.000000x_2$	$-2.000000x_4 + 2.000000x_5 + 2.000000x_6 + 1.000000x_7$
x_{13}	15.0	$-3.000000x_1 - 2.000000x_2 + 1.000000x_3 + 3.000000x_4$	$-2.000000x_5 - 1.000000x_6 + 1.000000x_7$
x_{14}	12.0	$-2.000000x_1 + 3.000000x_2 - 2.000000x_3 + 1.000000x_4$	$-2.000000x_5 + 3.000000x_6 + 1.000000x_7$
x_{15}	9.0	$+3.000000x_1 + 1.000000x_2 + 1.000000x_3 + 2.000000x_4$	$+1.000000x_5 + 1.000000x_6$
x_{16}	5.0	$-3.000000x_1 - 2.000000x_2 - 1.000000x_3 + 3.000000x_4$	$+3.000000x_5 - 1.000000x_6$
x_{17}	4.0	$-3.000000x_1 - 2.000000x_2$	$-2.000000x_5 + 2.000000x_6 + 1.000000x_7$
z	0.0	$+2.000000x_1 - 2.000000x_2 - 1.000000x_3$	$-2.000000x_5 - 1.000000x_6 - 2.000000x_7$

No initialization required – Proceed to Optimize.

x_8	12.0	$+1.000000x_1$	$+1.000000x_3 + 3.000000x_4 - 3.000000x_5 - 2.000000x_6 + 1.000000x_7$
x_9	3.0		$+3.000000x_4 + 2.000000x_5 - 2.000000x_6 - 3.000000x_7$
x_{10}	13.0	$+3.000000x_1 + 2.000000x_2 + 1.000000x_3$	$+2.000000x_5 - 3.000000x_6 - 2.000000x_7$
x_{11}	5.0	$-3.000000x_1 - 2.000000x_2 - 3.000000x_3$	$-3.000000x_4 + 2.000000x_5 - 3.000000x_7$
x_{12}	1.0	$+1.000000x_1 - 2.000000x_2$	$-2.000000x_4 + 2.000000x_5 + 2.000000x_6 + 1.000000x_7$
x_{13}	15.0	$-3.000000x_1 - 2.000000x_2 + 1.000000x_3 + 3.000000x_4$	$-2.000000x_5 - 1.000000x_6 + 1.000000x_7$
x_{14}	12.0	$-2.000000x_1 + 3.000000x_2 - 2.000000x_3 + 1.000000x_4$	$-2.000000x_5 + 3.000000x_6 + 1.000000x_7$
x_{15}	9.0	$+3.000000x_1 + 1.000000x_2 + 1.000000x_3 + 2.000000x_4$	$+1.000000x_5 + 1.000000x_6$
x_{16}	5.0	$-3.000000x_1 - 2.000000x_2 - 1.000000x_3 + 3.000000x_4$	$+3.000000x_5 - 1.000000x_6$
x_{17}	4.0	$-3.000000x_1 - 2.000000x_2$	$-2.000000x_5 + 2.000000x_6 + 1.000000x_7$
z	0.0	$+2.000000x_1 - 2.000000x_2 - 1.000000x_3$	$-2.000000x_5 - 1.000000x_6 - 2.000000x_7$

x_1 enters and x_{17} leaves

x_8	13.3333333333	$-0.333333x_{17} - 0.666667x_2 + 1.000000x_3 + 3.000000x_4 - 3.666667x_5 - 1.333333x_6 + 1.333333x_7$
x_9	3.0	$+3.000000x_4 + 2.000000x_5 - 2.000000x_6 - 3.000000x_7$
x_{10}	17.0	$-1.000000x_{17} + 1.000000x_3 - 1.000000x_6 - 1.000000x_7$
x_{11}	1.0	$+1.000000x_{17} - 3.000000x_3 - 3.000000x_4 + 4.000000x_5 - 2.000000x_6 - 4.000000x_7$
x_{12}	2.3333333333	$-0.333333x_{17} - 2.666667x_2 - 2.000000x_4 + 1.333333x_5 + 2.666667x_6 + 1.333333x_7$
x_{13}	11.0	$+1.000000x_{17} + 1.000000x_3 + 3.000000x_4 - 3.000000x_6$
x_{14}	9.3333333333	$+0.666667x_{17} + 4.333333x_2 - 2.000000x_3 + 1.000000x_4 - 0.666667x_5 + 1.666667x_6 + 0.333333x_7$
x_{15}	13.0	$-1.000000x_{17} - 1.000000x_2 + 1.000000x_3 + 2.000000x_4 - 1.000000x_5 + 3.000000x_6 + 1.000000x_7$
x_{16}	1.0	$+1.000000x_{17} - 1.000000x_3 + 3.000000x_4 + 5.000000x_5 - 3.000000x_6 - 1.000000x_7$
x_1	1.3333333333	$-0.333333x_{17} - 0.666667x_2 - 0.666667x_5 + 0.666667x_6 + 0.333333x_7$
z	2.6666666667	$-0.666667x_{17} - 3.333333x_2 - 1.000000x_3 - 3.333333x_5 + 0.333333x_6 - 1.333333x_7$

x_6 enters and x_{16} leaves

x_8	12.888888889	$-0.777778x_{17} - 0.666667x_2 + 1.444444x_3 + 1.666667x_4 - 5.888889x_5 + 0.444444x_{16} + 1.777778x_7$
x_9	2.333333333	$-0.666667x_{17} + 0.666667x_3 + 1.000000x_4 - 1.333333x_5 + 0.666667x_{16} - 2.333333x_7$
x_{10}	16.666666667	$-1.333333x_{17} + 1.333333x_3 - 1.000000x_4 - 1.666667x_5 + 0.333333x_{16} - 0.666667x_7$
x_{11}	0.333333333	$+0.333333x_{17} - 2.333333x_3 - 5.000000x_4 + 0.666667x_5 + 0.666667x_{16} - 3.333333x_7$
x_{12}	3.222222222	$+0.555556x_{17} - 2.666667x_2 - 0.888889x_3 + 0.666667x_4 + 5.777778x_5 - 0.888889x_{16} + 0.444444x_7$
x_{13}	10.0	$+2.000000x_3 - 5.000000x_5 + 1.000000x_{16} + 1.000000x_7$
x_{14}	9.888888889	$+1.222222x_{17} + 4.333333x_2 - 2.555556x_3 + 2.666667x_4 + 2.111111x_5 - 0.555556x_{16} - 0.222222x_7$
x_{15}	14.0	$-1.000000x_2 + 5.000000x_4 + 4.000000x_5 - 1.000000x_{16}$
x_6	0.333333333	$+0.333333x_{17} - 0.333333x_3 + 1.000000x_4 + 1.666667x_5 - 0.333333x_{16} - 0.333333x_7$
x_1	1.555555556	$-0.111111x_{17} - 0.666667x_2 - 0.222222x_3 + 0.666667x_4 + 0.444444x_5 - 0.222222x_{16} + 0.111111x_7$
z	2.777777778	$-0.555556x_{17} - 3.333333x_2 - 1.111111x_3 + 0.333333x_4 - 2.777778x_5 - 0.111111x_{16} - 1.444444x_7$

x_4 enters and x_{11} leaves

x_8	13.0	$-0.666667x_{17} - 0.666667x_2 + 0.666667x_3 - 0.333333x_{11} - 5.666667x_5 + 0.666667x_{16} + 0.666667x_7$
x_9	2.4	$-0.600000x_{17} + 0.200000x_3 - 0.200000x_{11} - 1.200000x_5 + 0.800000x_{16} - 3.000000x_7$
x_{10}	16.6	$-1.400000x_{17} + 1.800000x_3 + 0.200000x_{11} - 1.800000x_5 + 0.200000x_{16}$
x_4	0.066666667	$+0.066667x_{17} - 0.466667x_3 - 0.200000x_{11} + 0.133333x_5 + 0.133333x_{16} - 0.666667x_7$
x_{12}	3.266666667	$+0.600000x_{17} - 2.666667x_2 - 1.200000x_3 - 0.133333x_{11} + 5.866667x_5 - 0.800000x_{16}$
x_{13}	10.0	$+2.000000x_3 - 5.000000x_5 + 1.000000x_{16} + 1.000000x_7$
x_{14}	10.066666667	$+1.400000x_{17} + 4.333333x_2 - 3.800000x_3 - 0.533333x_{11} + 2.466667x_5 - 0.200000x_{16} - 2.000000x_7$
x_{15}	14.333333333	$+0.333333x_{17} - 1.000000x_2 - 2.333333x_3 - 1.000000x_{11} + 4.666667x_5 - 0.333333x_{16} - 3.333333x_7$
x_6	0.4	$+0.400000x_{17} - 0.800000x_3 - 0.200000x_{11} + 1.800000x_5 - 0.200000x_{16} - 1.000000x_7$
x_1	1.6	$-0.066667x_{17} - 0.666667x_2 - 0.533333x_3 - 0.133333x_{11} + 0.533333x_5 - 0.133333x_{16} - 0.333333x_7$
z	2.8	$-0.533333x_{17} - 3.333333x_2 - 1.266667x_3 - 0.066667x_{11} - 2.733333x_5 - 0.066667x_{16} - 1.666667x_7$

x_{-1} enters and Final Dictionary Solution: 2.8 Num Pivots: 3