

x_8	7.0	$+3.000000x_1 + 2.000000x_2 + 3.000000x_3 + 2.000000x_4 + 3.000000x_5$	$+1.000000x_7$
x_9	5.0	$-1.000000x_1 + 2.000000x_2 - 2.000000x_3 + 1.000000x_4 + 1.000000x_5 + 3.000000x_6 + 1.000000x_7$	
x_{10}	1.0	$-2.000000x_1 - 1.000000x_2$	$+3.000000x_4 - 1.000000x_5 - 1.000000x_6 - 3.000000x_7$
x_{11}	11.0	$+2.000000x_2 + 1.000000x_3 - 2.000000x_4 - 2.000000x_5 - 3.000000x_6 - 1.000000x_7$	
x_{12}	10.0	$+3.000000x_1 + 2.000000x_2$	$+1.000000x_4 - 2.000000x_5 + 1.000000x_6$
x_{13}	9.0	$-1.000000x_1 - 3.000000x_2$	$+3.000000x_4 - 3.000000x_5 - 3.000000x_6 + 2.000000x_7$
x_{14}	14.0	$+3.000000x_1$	$+3.000000x_3 + 2.000000x_4 + 2.000000x_5 + 1.000000x_7$
x_{15}	5.0	$+1.000000x_1$	$+2.000000x_4 - 1.000000x_6 + 1.000000x_7$
x_{16}	4.0	$-1.000000x_1 - 2.000000x_2 - 1.000000x_3$	$+3.000000x_5 - 1.000000x_6 - 3.000000x_7$
x_{17}	15.0	$-3.000000x_1 + 2.000000x_2 + 1.000000x_3 + 3.000000x_4 + 2.000000x_5$	$+3.000000x_7$
z	0.0	$+2.000000x_4 - 2.000000x_5 + 2.000000x_6 - 2.000000x_7$	

No initialization required – Proceed to Optimize.

x_8	7.0	$+3.000000x_1 + 2.000000x_2 + 3.000000x_3 + 2.000000x_4 + 3.000000x_5$	$+1.000000x_7$
x_9	5.0	$-1.000000x_1 + 2.000000x_2 - 2.000000x_3 + 1.000000x_4 + 1.000000x_5 + 3.000000x_6 + 1.000000x_7$	
x_{10}	1.0	$-2.000000x_1 - 1.000000x_2$	$+3.000000x_4 - 1.000000x_5 - 1.000000x_6 - 3.000000x_7$
x_{11}	11.0	$+2.000000x_2 + 1.000000x_3 - 2.000000x_4 - 2.000000x_5 - 3.000000x_6 - 1.000000x_7$	
x_{12}	10.0	$+3.000000x_1 + 2.000000x_2$	$+1.000000x_4 - 2.000000x_5 + 1.000000x_6$
x_{13}	9.0	$-1.000000x_1 - 3.000000x_2$	$+3.000000x_4 - 3.000000x_5 - 3.000000x_6 + 2.000000x_7$
x_{14}	14.0	$+3.000000x_1$	$+3.000000x_3 + 2.000000x_4 + 2.000000x_5 + 1.000000x_7$
x_{15}	5.0	$+1.000000x_1$	$+2.000000x_4 - 1.000000x_6 + 1.000000x_7$
x_{16}	4.0	$-1.000000x_1 - 2.000000x_2 - 1.000000x_3$	$+3.000000x_5 - 1.000000x_6 - 3.000000x_7$
x_{17}	15.0	$-3.000000x_1 + 2.000000x_2 + 1.000000x_3 + 3.000000x_4 + 2.000000x_5$	$+3.000000x_7$
z	0.0	$+2.000000x_4 - 2.000000x_5 + 2.000000x_6 - 2.000000x_7$	

x_4 enters and x_{11} leaves

x_8	18.0	$+3.000000x_1 + 4.000000x_2 + 4.000000x_3 - 1.000000x_{11} + 1.000000x_5 - 3.000000x_6$	
x_9	10.5	$-1.000000x_1 + 3.000000x_2 - 1.500000x_3 - 0.500000x_{11}$	$+1.500000x_6 + 0.500000x_7$
x_{10}	17.5	$-2.000000x_1 + 2.000000x_2 + 1.500000x_3 - 1.500000x_{11} - 4.000000x_5 - 5.500000x_6 - 4.500000x_7$	
x_4	5.5	$+1.000000x_2 + 0.500000x_3 - 0.500000x_{11} - 1.000000x_5 - 1.500000x_6 - 0.500000x_7$	
x_{12}	15.5	$+3.000000x_1 + 3.000000x_2 + 0.500000x_3 - 0.500000x_{11} - 3.000000x_5 - 0.500000x_6 - 0.500000x_7$	
x_{13}	25.5	$-1.000000x_1$	$+1.500000x_3 - 1.500000x_{11} - 6.000000x_5 - 7.500000x_6 + 0.500000x_7$
x_{14}	25.0	$+3.000000x_1 + 2.000000x_2 + 4.000000x_3 - 1.000000x_{11}$	$-3.000000x_6$
x_{15}	16.0	$+1.000000x_1 + 2.000000x_2 + 1.000000x_3 - 1.000000x_{11} - 2.000000x_5 - 4.000000x_6$	
x_{16}	4.0	$-1.000000x_1 - 2.000000x_2 - 1.000000x_3$	$+3.000000x_5 - 1.000000x_6 - 3.000000x_7$
x_{17}	31.5	$-3.000000x_1 + 5.000000x_2 + 2.500000x_3 - 1.500000x_{11} - 1.000000x_5 - 4.500000x_6 + 1.500000x_7$	
z	11.0	$+2.000000x_2 + 1.000000x_3 - 1.000000x_{11} - 4.000000x_5 - 1.000000x_6 - 3.000000x_7$	

x_2 enters and x_{16} leaves

x_8	26.0	$+1.000000x_1 - 2.000000x_{16} + 2.000000x_3 - 1.000000x_{11} + 7.000000x_5 - 5.000000x_6 - 6.000000x_7$
x_9	16.5	$-2.500000x_1 - 1.500000x_{16} - 3.000000x_3 - 0.500000x_{11} + 4.500000x_5 - 4.000000x_7$
x_{10}	21.5	$-3.000000x_1 - 1.000000x_{16} + 0.500000x_3 - 1.500000x_{11} - 1.000000x_5 - 6.500000x_6 - 7.500000x_7$
x_4	7.5	$-0.500000x_1 - 0.500000x_{16} - 0.500000x_{11} + 0.500000x_5 - 2.000000x_6 - 2.000000x_7$
x_{12}	21.5	$+1.500000x_1 - 1.500000x_{16} - 1.000000x_3 - 0.500000x_{11} + 1.500000x_5 - 2.000000x_6 - 5.000000x_7$
x_{13}	25.5	$-1.000000x_1 + 1.500000x_3 - 1.500000x_{11} - 6.000000x_5 - 7.500000x_6 + 0.500000x_7$
x_{14}	29.0	$+2.000000x_1 - 1.000000x_{16} + 3.000000x_3 - 1.000000x_{11} + 3.000000x_5 - 4.000000x_6 - 3.000000x_7$
x_{15}	20.0	$-1.000000x_{16} - 1.000000x_{11} + 1.000000x_5 - 5.000000x_6 - 3.000000x_7$
x_2	2.0	$-0.500000x_1 - 0.500000x_{16} - 0.500000x_3 + 1.500000x_5 - 0.500000x_6 - 1.500000x_7$
x_{17}	41.5	$-5.500000x_1 - 2.500000x_{16} - 1.500000x_{11} + 6.500000x_5 - 7.000000x_6 - 6.000000x_7$
z	15.0	$-1.000000x_1 - 1.000000x_{16} - 1.000000x_{11} - 1.000000x_5 - 2.000000x_6 - 6.000000x_7$

x_{-1} enters and Final Dictionary Solution: 15.0 Num Pivots: 2