

x_8	11.0	$+2.000000x_1 - 2.000000x_2 + 2.000000x_3$	$+1.000000x_5 + 2.000000x_6$	
x_9	5.0	$-3.000000x_1 - 1.000000x_2 + 3.000000x_3 - 3.000000x_4$		$-1.000000x_7$
x_{10}	6.0	$+2.000000x_1 + 2.000000x_2 - 3.000000x_3 - 1.000000x_4$	$+1.000000x_5 - 2.000000x_6$	$+2.000000x_7$
x_{11}	12.0	$-1.000000x_2 + 2.000000x_3$	$-3.000000x_5$	$-1.000000x_7$
x_{12}	12.0	$-3.000000x_1 + 2.000000x_2$	$+1.000000x_4 + 3.000000x_5 - 2.000000x_6$	
x_{13}	9.0	$+1.000000x_1 - 1.000000x_2 + 3.000000x_3 - 1.000000x_4$	$-2.000000x_5 + 2.000000x_6$	$+1.000000x_7$
x_{14}	14.0	$+1.000000x_1 - 2.000000x_2 - 2.000000x_3$	$+2.000000x_5 + 1.000000x_6$	$+3.000000x_7$
x_{15}	7.0	$+2.000000x_1 + 1.000000x_2 + 1.000000x_3 + 3.000000x_4$	$+1.000000x_5 + 1.000000x_6$	$-1.000000x_7$
x_{16}	7.0	$+1.000000x_3 + 2.000000x_4$	$-3.000000x_6 - 1.000000x_7$	
x_{17}	5.0	$+3.000000x_1 - 1.000000x_2 - 2.000000x_3 - 1.000000x_4$	$+1.000000x_5$	$+1.000000x_7$
z	0.0	$-2.000000x_1 + 2.000000x_2 - 2.000000x_3 - 2.000000x_4$	$-1.000000x_5 - 1.000000x_6$	

No initialization required – Proceed to Optimize.

x_8	11.0	$+2.000000x_1 - 2.000000x_2 + 2.000000x_3$	$+1.000000x_5 + 2.000000x_6$	
x_9	5.0	$-3.000000x_1 - 1.000000x_2 + 3.000000x_3 - 3.000000x_4$		$-1.000000x_7$
x_{10}	6.0	$+2.000000x_1 + 2.000000x_2 - 3.000000x_3 - 1.000000x_4$	$+1.000000x_5 - 2.000000x_6$	$+2.000000x_7$
x_{11}	12.0	$-1.000000x_2 + 2.000000x_3$	$-3.000000x_5$	$-1.000000x_7$
x_{12}	12.0	$-3.000000x_1 + 2.000000x_2$	$+1.000000x_4 + 3.000000x_5 - 2.000000x_6$	
x_{13}	9.0	$+1.000000x_1 - 1.000000x_2 + 3.000000x_3 - 1.000000x_4$	$-2.000000x_5 + 2.000000x_6$	$+1.000000x_7$
x_{14}	14.0	$+1.000000x_1 - 2.000000x_2 - 2.000000x_3$	$+2.000000x_5 + 1.000000x_6$	$+3.000000x_7$
x_{15}	7.0	$+2.000000x_1 + 1.000000x_2 + 1.000000x_3 + 3.000000x_4$	$+1.000000x_5 + 1.000000x_6$	$-1.000000x_7$
x_{16}	7.0	$+1.000000x_3 + 2.000000x_4$	$-3.000000x_6 - 1.000000x_7$	
x_{17}	5.0	$+3.000000x_1 - 1.000000x_2 - 2.000000x_3 - 1.000000x_4$	$+1.000000x_5$	$+1.000000x_7$
z	0.0	$-2.000000x_1 + 2.000000x_2 - 2.000000x_3 - 2.000000x_4$	$-1.000000x_5 - 1.000000x_6$	

x_2 enters and x_9 leaves

x_8	1.0	$+8.000000x_1 + 2.000000x_9 - 4.000000x_3 + 6.000000x_4$	$+1.000000x_5 + 2.000000x_6 + 2.000000x_7$	
x_2	5.0	$-3.000000x_1 - 1.000000x_9 + 3.000000x_3 - 3.000000x_4$		$-1.000000x_7$
x_{10}	16.0	$-4.000000x_1 - 2.000000x_9 + 3.000000x_3 - 7.000000x_4$	$+1.000000x_5 - 2.000000x_6$	
x_{11}	7.0	$+3.000000x_1 + 1.000000x_9 - 1.000000x_3 + 3.000000x_4$	$-3.000000x_5$	
x_{12}	22.0	$-9.000000x_1 - 2.000000x_9 + 6.000000x_3 - 5.000000x_4$	$+3.000000x_5 - 2.000000x_6 - 2.000000x_7$	
x_{13}	4.0	$+4.000000x_1 + 1.000000x_9$	$+2.000000x_4 - 2.000000x_5 + 2.000000x_6 + 2.000000x_7$	
x_{14}	4.0	$+7.000000x_1 + 2.000000x_9 - 8.000000x_3 + 6.000000x_4$	$+2.000000x_5 + 1.000000x_6 + 5.000000x_7$	
x_{15}	12.0	$-1.000000x_1 - 1.000000x_9 + 4.000000x_3$	$+1.000000x_5 + 1.000000x_6 - 2.000000x_7$	
x_{16}	7.0	$+1.000000x_3 + 2.000000x_4$	$-3.000000x_6 - 1.000000x_7$	
x_{17}	0.0	$+6.000000x_1 + 1.000000x_9 - 5.000000x_3 + 2.000000x_4$	$+1.000000x_5$	$+2.000000x_7$
z	10.0	$-8.000000x_1 - 2.000000x_9 + 4.000000x_3 - 8.000000x_4$	$-1.000000x_5 - 1.000000x_6 - 2.000000x_7$	

x_3 enters and x_{17} leaves

x_8	1.0	$+3.200000x_1 + 1.200000x_9 + 0.800000x_{17} + 4.400000x_4 + 0.200000x_5 + 2.000000x_6 + 0.400000x_7$
x_2	5.0	$+0.600000x_1 - 0.400000x_9 - 0.600000x_{17} - 1.800000x_4 + 0.600000x_5 + 0.200000x_7$
x_{10}	16.0	$-0.400000x_1 - 1.400000x_9 - 0.600000x_{17} - 5.800000x_4 + 1.600000x_5 - 2.000000x_6 + 1.200000x_7$
x_{11}	7.0	$+1.800000x_1 + 0.800000x_9 + 0.200000x_{17} + 2.600000x_4 - 3.200000x_5 - 0.400000x_7$
x_{12}	22.0	$-1.800000x_1 - 0.800000x_9 - 1.200000x_{17} - 2.600000x_4 + 4.200000x_5 - 2.000000x_6 + 0.400000x_7$
x_{13}	4.0	$+4.000000x_1 + 1.000000x_9 + 2.000000x_4 - 2.000000x_5 + 2.000000x_6 + 2.000000x_7$
x_{14}	4.0	$-2.600000x_1 + 0.400000x_9 + 1.600000x_{17} + 2.800000x_4 + 0.400000x_5 + 1.000000x_6 + 1.800000x_7$
x_{15}	12.0	$+3.800000x_1 - 0.200000x_9 - 0.800000x_{17} + 1.600000x_4 + 1.800000x_5 + 1.000000x_6 - 0.400000x_7$
x_{16}	7.0	$+1.200000x_1 + 0.200000x_9 - 0.200000x_{17} + 2.400000x_4 + 0.200000x_5 - 3.000000x_6 - 0.600000x_7$
x_3	0.0	$+1.200000x_1 + 0.200000x_9 - 0.200000x_{17} + 0.400000x_4 + 0.200000x_5 + 0.400000x_7$
z	10.0	$-3.200000x_1 - 1.200000x_9 - 0.800000x_{17} - 6.400000x_4 - 0.200000x_5 - 1.000000x_6 - 0.400000x_7$

x_{-1} enters and Final Dictionary Solution: 10.0 Num Pivots: 2