

x_8	13.0	$+2.000000x_1 - 2.000000x_2 + 3.000000x_3 + 2.000000x_4 + 2.000000x_5 + 1.000000x_6 - 2.000000x_7$
x_9	3.0	$-1.000000x_1 + 2.000000x_2 - 3.000000x_3 + 3.000000x_4 + 2.000000x_5 + 1.000000x_6 - 3.000000x_7$
x_{10}	1.0	$-1.000000x_1 - 2.000000x_2 + 2.000000x_3 + 1.000000x_4 + 3.000000x_5 + 2.000000x_7$
x_{11}	15.0	$+3.000000x_2 + 3.000000x_4 + 1.000000x_5 - 3.000000x_7$
x_{12}	9.0	$-3.000000x_1 + 3.000000x_2 + 3.000000x_4 + 1.000000x_5 + 2.000000x_7$
x_{13}	3.0	$-1.000000x_1 + 3.000000x_2 + 2.000000x_3 - 3.000000x_5 + 1.000000x_6$
x_{14}	7.0	$+2.000000x_1 - 2.000000x_2 + 1.000000x_4 + 1.000000x_5 + 1.000000x_7$
x_{15}	4.0	$-1.000000x_1 + 1.000000x_3 + 1.000000x_4 + 1.000000x_5 - 3.000000x_6$
x_{16}	12.0	$+3.000000x_1 - 1.000000x_2 - 3.000000x_3 + 1.000000x_4 - 3.000000x_5 + 1.000000x_6 - 3.000000x_7$
x_{17}	4.0	$+3.000000x_1 - 2.000000x_2 + 2.000000x_4 - 2.000000x_5 - 2.000000x_6 + 3.000000x_7$
z	0.0	$-1.000000x_1 - 1.000000x_2 + 1.000000x_3 - 1.000000x_4 - 2.000000x_5 + 2.000000x_6$

No initialization required – Proceed to Optimize.

x_8	13.0	$+2.000000x_1 - 2.000000x_2 + 3.000000x_3 + 2.000000x_4 + 2.000000x_5 + 1.000000x_6 - 2.000000x_7$
x_9	3.0	$-1.000000x_1 + 2.000000x_2 - 3.000000x_3 + 3.000000x_4 + 2.000000x_5 + 1.000000x_6 - 3.000000x_7$
x_{10}	1.0	$-1.000000x_1 - 2.000000x_2 + 2.000000x_3 + 1.000000x_4 + 3.000000x_5 + 2.000000x_7$
x_{11}	15.0	$+3.000000x_2 + 3.000000x_4 + 1.000000x_5 - 3.000000x_7$
x_{12}	9.0	$-3.000000x_1 + 3.000000x_2 + 3.000000x_4 + 1.000000x_5 + 2.000000x_7$
x_{13}	3.0	$-1.000000x_1 + 3.000000x_2 + 2.000000x_3 - 3.000000x_5 + 1.000000x_6$
x_{14}	7.0	$+2.000000x_1 - 2.000000x_2 + 1.000000x_4 + 1.000000x_5 + 1.000000x_7$
x_{15}	4.0	$-1.000000x_1 + 1.000000x_3 + 1.000000x_4 + 1.000000x_5 - 3.000000x_6$
x_{16}	12.0	$+3.000000x_1 - 1.000000x_2 - 3.000000x_3 + 1.000000x_4 - 3.000000x_5 + 1.000000x_6 - 3.000000x_7$
x_{17}	4.0	$+3.000000x_1 - 2.000000x_2 + 2.000000x_4 - 2.000000x_5 - 2.000000x_6 + 3.000000x_7$
z	0.0	$-1.000000x_1 - 1.000000x_2 + 1.000000x_3 - 1.000000x_4 - 2.000000x_5 + 2.000000x_6$

x_3 enters and x_9 leaves

x_8	16.0	$+1.000000x_1 - 1.000000x_9 + 5.000000x_4 + 4.000000x_5 + 2.000000x_6 - 5.000000x_7$
x_3	1.0	$-0.333333x_1 + 0.666667x_2 - 0.333333x_9 + 1.000000x_4 + 0.666667x_5 + 0.333333x_6 - 1.000000x_7$
x_{10}	3.0	$-1.666667x_1 - 0.666667x_2 - 0.666667x_9 + 3.000000x_4 + 4.333333x_5 + 0.666667x_6$
x_{11}	15.0	$+3.000000x_2 + 3.000000x_4 + 1.000000x_5 - 3.000000x_7$
x_{12}	9.0	$-3.000000x_1 + 3.000000x_2 + 3.000000x_4 + 1.000000x_5 + 2.000000x_7$
x_{13}	5.0	$-1.666667x_1 + 4.333333x_2 - 0.666667x_9 + 2.000000x_4 - 1.666667x_5 + 1.666667x_6 - 2.000000x_7$
x_{14}	7.0	$+2.000000x_1 - 2.000000x_2 + 1.000000x_4 + 1.000000x_5 + 1.000000x_7$
x_{15}	5.0	$-1.333333x_1 + 0.666667x_2 - 0.333333x_9 + 2.000000x_4 + 1.666667x_5 - 2.666667x_6 - 1.000000x_7$
x_{16}	9.0	$+4.000000x_1 - 3.000000x_2 + 1.000000x_9 - 2.000000x_4 - 5.000000x_5$
x_{17}	4.0	$+3.000000x_1 - 2.000000x_2 + 2.000000x_4 - 2.000000x_5 - 2.000000x_6 + 3.000000x_7$
z	1.0	$-1.333333x_1 - 0.333333x_2 - 0.333333x_9 - 1.333333x_5 + 2.333333x_6 - 1.000000x_7$

x_6 enters and x_{15} leaves

x_8	19.75	$+0.500000x_2 - 1.250000x_9 + 6.500000x_4 + 5.250000x_5 - 0.750000x_{15} - 5.750000x_7$					
x_3	1.625	$-0.500000x_1 + 0.750000x_2 - 0.375000x_9 + 1.250000x_4 + 0.875000x_5 - 0.125000x_{15} - 1.125000x_7$					
x_{10}	4.25	$-2.000000x_1 - 0.500000x_2 - 0.750000x_9 + 3.500000x_4 + 4.750000x_5 - 0.250000x_{15} - 0.250000x_7$					
x_{11}	15.0	$+3.000000x_2 + 3.000000x_4 + 1.000000x_5 - 3.000000x_7$					
x_{12}	9.0	$-3.000000x_1 + 3.000000x_2 + 3.000000x_4 + 1.000000x_5 + 2.000000x_7$					
x_{13}	8.125	$-2.500000x_1 + 4.750000x_2 - 0.875000x_9 + 3.250000x_4 - 0.625000x_5 - 0.625000x_{15} - 2.625000x_7$					
x_{14}	7.0	$+2.000000x_1 - 2.000000x_2 + 1.000000x_4 + 1.000000x_5 + 1.000000x_7$					
x_6	1.875	$-0.500000x_1 + 0.250000x_2 - 0.125000x_9 + 0.750000x_4 + 0.625000x_5 - 0.375000x_{15} - 0.375000x_7$					
x_{16}	9.0	$+4.000000x_1 - 3.000000x_2 + 1.000000x_9 - 2.000000x_4 - 5.000000x_5$					
x_{17}	0.25	$+4.000000x_1 - 2.500000x_2 + 0.250000x_9 + 0.500000x_4 - 3.250000x_5 + 0.750000x_{15} + 3.750000x_7$					
z	5.375	$-2.500000x_1 + 0.250000x_2 - 0.625000x_9 + 1.750000x_4 + 0.125000x_5 - 0.875000x_{15} - 1.875000x_7$					

x_2 enters and x_{17} leaves

x_8	19.8	$+0.800000x_1 - 0.200000x_{17} - 1.200000x_9 + 6.600000x_4 + 4.600000x_5 - 0.600000x_{15} - 5.000000x_7$					
x_3	1.7	$+0.700000x_1 - 0.300000x_{17} - 0.300000x_9 + 1.400000x_4 - 0.100000x_5 + 1.000000x_{15}$					
x_{10}	4.2	$-2.800000x_1 + 0.200000x_{17} - 0.800000x_9 + 3.400000x_4 + 5.400000x_5 - 0.400000x_{15} - 1.000000x_7$					
x_{11}	15.3	$+4.800000x_1 - 1.200000x_{17} + 0.300000x_9 + 3.600000x_4 - 2.900000x_5 + 0.900000x_{15} + 1.500000x_7$					
x_{12}	9.3	$+1.800000x_1 - 1.200000x_{17} + 0.300000x_9 + 3.600000x_4 - 2.900000x_5 + 0.900000x_{15} + 6.500000x_7$					
x_{13}	8.6	$+5.100000x_1 - 1.900000x_{17} - 0.400000x_9 + 4.200000x_4 - 6.800000x_5 + 0.800000x_{15} + 4.500000x_7$					
x_{14}	6.8	$-1.200000x_1 + 0.800000x_{17} - 0.200000x_9 + 0.600000x_4 + 3.600000x_5 - 0.600000x_{15} - 2.000000x_7$					
x_6	1.9	$-0.100000x_1 - 0.100000x_{17} - 0.100000x_9 + 0.800000x_4 + 0.300000x_5 - 0.300000x_{15}$					
x_{16}	8.7	$-0.800000x_1 + 1.200000x_{17} + 0.700000x_9 - 2.600000x_4 - 1.100000x_5 - 0.900000x_{15} - 4.500000x_7$					
x_2	0.1	$+1.600000x_1 - 0.400000x_{17} + 0.100000x_9 + 0.200000x_4 - 1.300000x_5 + 0.300000x_{15} + 1.500000x_7$					
z	5.4	$-2.100000x_1 - 0.100000x_{17} - 0.600000x_9 + 1.800000x_4 - 0.200000x_5 - 0.800000x_{15} - 1.500000x_7$					

x_4 enters and x_{16} leaves

x_8	41.8846153846	$-1.230769x_1 + 2.846154x_{17} + 0.576923x_9 - 2.538462x_{16} + 1.807692x_5 - 2.884615x_{15} - 16.423077x_7$					
x_3	6.38461538462	$+0.269231x_1 + 0.346154x_{17} + 0.076923x_9 - 0.538462x_{16} - 0.692308x_5 - 0.384615x_{15} - 2.423077x_7$					
x_{10}	15.5769230769	$-3.846154x_1 + 1.769231x_{17} + 0.115385x_9 - 1.307692x_{16} + 3.961538x_5 - 1.576923x_{15} - 6.884615x_7$					
x_{11}	27.3461538462	$+3.692308x_1 + 0.461538x_{17} + 1.269231x_9 - 1.384615x_{16} - 4.423077x_5 - 0.346154x_{15} - 4.730769x_7$					
x_{12}	21.3461538462	$+0.692308x_1 + 0.461538x_{17} + 1.269231x_9 - 1.384615x_{16} - 4.423077x_5 - 0.346154x_{15} + 0.269231x_7$					
x_{13}	22.6538461538	$+3.807692x_1 + 0.038462x_{17} + 0.730769x_9 - 1.615385x_{16} - 8.576923x_5 - 0.653846x_{15} - 2.769231x_7$					
x_{14}	8.80769230769	$-1.384615x_1 + 1.076923x_{17} - 0.038462x_9 - 0.230769x_{16} + 3.346154x_5 - 0.807692x_{15} - 3.038462x_7$					
x_6	4.57692307692	$-0.346154x_1 + 0.269231x_{17} + 0.115385x_9 - 0.307692x_{16} - 0.038462x_5 - 0.576923x_{15} - 1.384615x_7$					
x_4	3.34615384615	$-0.307692x_1 + 0.461538x_{17} + 0.269231x_9 - 0.384615x_{16} - 0.423077x_5 - 0.346154x_{15} - 1.730769x_7$					
x_2	0.769230769231	$+1.538462x_1 - 0.307692x_{17} + 0.153846x_9 - 0.076923x_{16} - 1.384615x_5 + 0.230769x_{15} + 1.153846x_7$					
z	11.4230769231	$-2.653846x_1 + 0.730769x_{17} - 0.115385x_9 - 0.692308x_{16} - 0.961538x_5 - 1.423077x_{15} - 4.615385x_7$					

x_{17} enters and x_2 leaves

x_8	49.0	$+13.000000x_1 - 9.250000x_2 + 2.000000x_9 - 3.250000x_{16} - 11.000000x_5 - 0.750000x_{15} - 5.750000x_7$
x_3	7.25	$+2.000000x_1 - 1.125000x_2 + 0.250000x_9 - 0.625000x_{16} - 2.250000x_5 - 0.125000x_{15} - 1.125000x_7$
x_{10}	20.0	$+5.000000x_1 - 5.750000x_2 + 1.000000x_9 - 1.750000x_{16} - 4.000000x_5 - 0.250000x_{15} - 0.250000x_7$
x_{11}	28.5	$+6.000000x_1 - 1.500000x_2 + 1.500000x_9 - 1.500000x_{16} - 6.500000x_5 + 0.000000x_{15} - 3.000000x_7$
x_{12}	22.5	$+3.000000x_1 - 1.500000x_2 + 1.500000x_9 - 1.500000x_{16} - 6.500000x_5 + 0.000000x_{15} + 2.000000x_7$
x_{13}	22.75	$+4.000000x_1 - 0.125000x_2 + 0.750000x_9 - 1.625000x_{16} - 8.750000x_5 - 0.625000x_{15} - 2.625000x_7$
x_{14}	11.5	$+4.000000x_1 - 3.500000x_2 + 0.500000x_9 - 0.500000x_{16} - 1.500000x_5 + 0.000000x_{15} + 1.000000x_7$
x_6	5.25	$+1.000000x_1 - 0.875000x_2 + 0.250000x_9 - 0.375000x_{16} - 1.250000x_5 - 0.375000x_{15} - 0.375000x_7$
x_4	4.5	$+2.000000x_1 - 1.500000x_2 + 0.500000x_9 - 0.500000x_{16} - 2.500000x_5 + 0.000000x_{15}$
x_{17}	2.5	$+5.000000x_1 - 3.250000x_2 + 0.500000x_9 - 0.250000x_{16} - 4.500000x_5 + 0.750000x_{15} + 3.750000x_7$
z	13.25	$+1.000000x_1 - 2.375000x_2 + 0.250000x_9 - 0.875000x_{16} - 4.250000x_5 - 0.875000x_{15} - 1.875000x_7$

x_1 enters and Unbounded Dictionary!