x_8	8.0		$+3.000000x_2$	$-3.000000x_3$	$+2.000000x_4$	$-1.000000x_5$	$-2.000000x_6$	$+3.000000x_7$
x_9	6.0	$+1.000000x_1$	$+2.000000x_2$	$-3.000000x_3$	$-2.000000x_4$	$+2.000000x_5$	$+1.000000x_6$	
x_{10}	15.0	$-3.000000x_1$	$+1.000000x_2$	$-1.000000x_3$			$-3.000000x_6$	$-1.000000x_7$
x_{11}	8.0	$+1.000000x_1$	$+1.000000x_2$	$+1.000000x_3$	$-1.000000x_4$	$-1.000000x_5$	$+2.000000x_6$	$+3.000000x_7$
x_{12}	14.0	$+1.000000x_1$	$+3.000000x_2$	$-1.000000x_3$	$+2.000000x_4$	$+2.000000x_5$		
x_{13}	14.0		$+1.000000x_2$	$-2.000000x_3$	$+3.000000x_4$		$-3.000000x_6$	$+3.000000x_7$
x_{14}	4.0	$-2.000000x_1$	$-3.000000x_2$			$+1.000000x_5$	$+3.000000x_6$	$+3.000000x_7$
x_{15}	10.0	$+2.000000x_1$	$+1.000000x_2$		$-2.000000x_4$	$-1.000000x_5$	$-3.000000x_6$	$-1.000000x_7$
x_{16}	11.0	$-1.000000x_1$	$-1.000000x_2$	$+3.000000x_3$	$-2.000000x_4$		$+3.000000x_6$	$-3.000000x_7$
x_{17}	9.0		$+1.000000x_2$	$-2.000000x_3$		$-3.000000x_5$	$-2.000000x_6$	$-2.000000x_7$
z	0.0	$-2.000000x_1$	$-2.000000x_2$	$+2.000000x_3$	$+2.000000x_4$	$+2.000000x_5$	$+1.000000x_6$	$+1.000000x_7$

No initialization required –¿ Proceed to Optimize.

x_8	8.0		$+3.000000x_2$	$-3.000000x_3$	$+2.000000x_4$	$-1.000000x_5$	$-2.000000x_6$	$+3.000000x_7$
x_9	6.0	$+1.000000x_1$	$+2.000000x_2$	$-3.000000x_3$	$-2.000000x_4$	$+2.000000x_5$	$+1.000000x_6$	
x_{10}	15.0	$-3.000000x_1$	$+1.000000x_2$	$-1.000000x_3$			$-3.000000x_6$	$-1.000000x_7$
x_{11}	8.0	$+1.000000x_1$	$+1.000000x_2$	$+1.000000x_3$	$-1.000000x_4$	$-1.000000x_5$	$+2.000000x_6$	$+3.000000x_7$
x_{12}	14.0	$+1.000000x_1$	$+3.000000x_2$	$-1.000000x_3$	$+2.000000x_4$	$+2.000000x_5$		
x_{13}	14.0		$+1.000000x_2$	$-2.000000x_3$	$+3.000000x_4$		$-3.000000x_6$	$+3.000000x_7$
x_{14}	4.0	$-2.000000x_1$	$-3.000000x_2$			$+1.000000x_5$	$+3.000000x_6$	$+3.000000x_7$
x_{15}	10.0	$+2.000000x_1$	$+1.000000x_2$		$-2.000000x_4$	$-1.000000x_5$	$-3.000000x_6$	$-1.000000x_7$
x_{16}	11.0	$-1.000000x_1$	$-1.000000x_2$	$+3.000000x_3$	$-2.000000x_4$		$+3.000000x_6$	$-3.000000x_7$
x_{17}	9.0		$+1.000000x_2$	$-2.000000x_3$		$-3.000000x_5$	$-2.000000x_6$	$-2.000000x_7$
z	0.0	$-2.000000x_1$	$-2.000000x_2$	$+2.000000x_3$	$+2.000000x_4$	$+2.000000x_5$	$+1.000000x_6$	$+1.000000x_7$

x_3 enters and x_9 leaves

x_8	2.0	$-1.000000x_1$	$+1.000000x_2$	$+1.000000x_9$	$+4.000000x_4$	$-3.000000x_5$	$-3.000000x_6$	$+3.000000x_7$
x_3	2.0	$+0.333333x_1$	$+0.666667x_2$	$-0.333333x_9$	$-0.666667x_4$	$+0.666667x_5$	$+0.333333x_6$	
x_{10}	13.0	$-3.333333x_1$	$+0.333333x_2$	$+0.333333x_9$	$+0.666667x_4$	$-0.666667x_5$	$-3.333333x_6$	$-1.000000x_7$
x_{11}	10.0	$+1.333333x_1$	$+1.666667x_2$	$-0.333333x_9$	$-1.666667x_4$	$-0.333333x_5$	$+2.333333x_6$	$+3.000000x_7$
x_{12}	12.0	$+0.666667x_1$	$+2.333333x_2$	$+0.333333x_9$	$+2.666667x_4$	$+1.333333x_5$	$-0.333333x_6$	
x_{13}	10.0	$-0.666667x_1$	$-0.333333x_2$	$+0.666667x_9$	$+4.333333x_4$	$-1.333333x_5$	$-3.666667x_6$	$+3.000000x_7$
x_{14}	4.0	$-2.000000x_1$	$-3.000000x_2$			$+1.000000x_5$	$+3.000000x_6$	$+3.000000x_7$
x_{15}	10.0	$+2.000000x_1$	$+1.000000x_2$		$-2.000000x_4$	$-1.000000x_5$	$-3.000000x_6$	$-1.000000x_7$
x_{16}	17.0		$+1.000000x_2$	$-1.000000x_9$	$-4.000000x_4$	$+2.000000x_5$	$+4.000000x_6$	$-3.000000x_7$
x_{17}	5.0	$-0.666667x_1$	$-0.333333x_2$	$+0.666667x_9$	$+1.333333x_4$	$-4.333333x_5$	$-2.666667x_6$	$-2.000000x_7$
z	4.0	$-1.333333x_1$	$-0.666667x_2$	$-0.666667x_9$	$+0.666667x_4$	$+3.333333x_5$	$+1.666667x_6$	$+1.000000x_7$

x_4 enters and x_3 leaves

x_8	14.0	$+1.000000x_1$	$+5.000000x_2$	$-1.000000x_9$	$-6.000000x_3$	$+1.000000x_5$	$-1.000000x_6$	$+3.000000x_7$
x_4	3.0	$+0.500000x_1$	$+1.000000x_2$	$-0.500000x_9$	$-1.500000x_3$	$+1.000000x_5$	$+0.500000x_6$	
x_{10}	15.0	$-3.000000x_1$	$+1.000000x_2$		$-1.000000x_3$		$-3.000000x_6$	$-1.000000x_7$
x_{11}	5.0	$+0.500000x_1$		$+0.500000x_9$	$+2.500000x_3$	$-2.000000x_5$	$+1.500000x_6$	$+3.000000x_7$
x_{12}	20.0	$+2.000000x_1$	$+5.000000x_2$	$-1.000000x_9$	$-4.000000x_3$	$+4.000000x_5$	$+1.000000x_6$	
x_{13}	23.0	$+1.500000x_1$	$+4.000000x_2$	$-1.500000x_9$	$-6.500000x_3$	$+3.000000x_5$	$-1.500000x_6$	$+3.000000x_7$
x_{14}	4.0	$-2.000000x_1$	$-3.000000x_2$			$+1.000000x_5$	$+3.000000x_6$	$+3.000000x_7$
x_{15}	4.0	$+1.000000x_1$	$-1.000000x_2$	$+1.000000x_9$	$+3.000000x_3$	$-3.000000x_5$	$-4.000000x_6$	$-1.000000x_7$
x_{16}	5.0	$-2.000000x_1$	$-3.000000x_2$	$+1.000000x_9$	$+6.000000x_3$	$-2.000000x_5$	$+2.000000x_6$	$-3.000000x_7$
x_{17}	9.0		$+1.000000x_2$		$-2.000000x_3$	$-3.000000x_5$	$-2.000000x_6$	$-2.000000x_7$
z	6.0	$-1.000000x_1$		$-1.000000x_9$	$-1.000000x_3$	$+4.000000x_5$	$+2.000000x_6$	$+1.000000x_7$

x_5 enters and x_{15} leaves

x_8	15.3333333333	$+1.333333x_1$	$+4.666667x_2$	$-0.666667x_9$	$-5.000000x_3$	$-0.333333x_{15}$	$-2.333333x_6$	$+2.666667x_7$
x_4	4.33333333333	$+0.833333x_1$	$+0.666667x_2$	$-0.166667x_9$	$-0.500000x_3$	$-0.333333x_{15}$	$-0.833333x_6$	$-0.333333x_7$
x_{10}	15.0	$-3.000000x_1$	$+1.000000x_2$		$-1.000000x_3$		$-3.000000x_6$	$-1.000000x_7$
x_{11}	2.33333333333	$-0.166667x_1$	$+0.666667x_2$	$-0.166667x_9$	$+0.500000x_3$	$+0.666667x_{15}$	$+4.166667x_6$	$+3.666667x_7$
x_{12}	25.3333333333	$+3.333333x_1$	$+3.666667x_2$	$+0.333333x_9$		$-1.333333x_{15}$	$-4.333333x_6$	$-1.333333x_7$
x_{13}	27.0	$+2.500000x_1$	$+3.000000x_2$	$-0.500000x_9$	$-3.500000x_3$	$-1.000000x_{15}$	$-5.500000x_6$	$+2.000000x_7$
x_{14}	5.33333333333	$-1.666667x_1$	$-3.333333x_2$	$+0.333333x_9$	$+1.000000x_3$	$-0.333333x_{15}$	$+1.666667x_6$	$+2.666667x_7$
x_5	1.33333333333	$+0.333333x_1$	$-0.333333x_2$	$+0.333333x_9$	$+1.000000x_3$	$-0.333333x_{15}$	$-1.333333x_6$	$-0.333333x_7$
x_{16}	2.33333333333	$-2.666667x_1$	$-2.333333x_2$	$+0.333333x_9$	$+4.000000x_3$	$+0.666667x_{15}$	$+4.666667x_6$	$-2.333333x_7$
x_{17}	5.0	$-1.000000x_1$	$+2.000000x_2$	$-1.000000x_9$	$-5.000000x_3$	$+1.000000x_{15}$	$+2.000000x_6$	$-1.000000x_7$
z	11.3333333333	$+0.333333x_1$	$-1.333333x_2$	$+0.333333x_9$	$+3.000000x_3$	$-1.333333x_{15}$	$-3.333333x_6$	$-0.333333x_7$

x_1 enters and x_{16} leaves

x_8	16.5	$-0.500000x_{16}$	$+3.500000x_2$	$-0.500000x_9$	$-3.000000x_3$			$+1.500000x_7$
x_4	5.0625	$-0.312500x_{16}$	$-0.062500x_2$	$-0.062500x_9$	$+0.750000x_3$	$-0.125000x_{15}$	$+0.625000x_6$	$-1.062500x_7$
x_{10}	12.375	$+1.125000x_{16}$	$+3.625000x_2$	$-0.375000x_9$	$-5.500000x_3$	$-0.750000x_{15}$	$-8.250000x_6$	$+1.625000x_7$
x_{11}	2.1875	$+0.062500x_{16}$	$+0.812500x_2$	$-0.187500x_9$	$+0.250000x_3$	$+0.625000x_{15}$	$+3.875000x_6$	$+3.812500x_7$
x_{12}	28.25	$-1.250000x_{16}$	$+0.750000x_2$	$+0.750000x_9$	$+5.000000x_3$	$-0.500000x_{15}$	$+1.500000x_6$	$-4.250000x_7$
x_{13}	29.1875	$-0.937500x_{16}$	$+0.812500x_2$	$-0.187500x_9$	$+0.250000x_3$	$-0.375000x_{15}$	$-1.125000x_6$	$-0.187500x_7$
x_{14}	3.875	$+0.625000x_{16}$	$-1.875000x_2$	$+0.125000x_9$	$-1.500000x_3$	$-0.750000x_{15}$	$-1.250000x_6$	$+4.125000x_7$
x_5	1.625	$-0.125000x_{16}$	$-0.625000x_2$	$+0.375000x_9$	$+1.500000x_3$	$-0.250000x_{15}$	$-0.750000x_6$	$-0.625000x_7$
x_1	0.875	$-0.375000x_{16}$	$-0.875000x_2$	$+0.125000x_9$	$+1.500000x_3$	$+0.250000x_{15}$	$+1.750000x_6$	$-0.875000x_7$
x_{17}	4.125	$+0.375000x_{16}$	$+2.875000x_2$	$-1.125000x_9$	$-6.500000x_3$	$+0.750000x_{15}$	$+0.250000x_6$	$-0.125000x_7$
z	11.625	$-0.125000x_{16}$	$-1.625000x_2$	$+0.375000x_9$	$+3.500000x_3$	$-1.250000x_{15}$	$-2.750000x_6$	$-0.625000x_7$

x_3 enters and x_{17} leaves

x_8	14.5961538462	$-0.673077x_{16} +2.173077x_2 +0.019231x_9 +0.461538x_{17} -0.346154x_{15} -0.115385x_6 +1.557692x_7$
x_4	5.53846153846	$-0.269231x_{16} +0.269231x_2 -0.192308x_9 -0.115385x_{17} -0.038462x_{15} +0.653846x_6 -1.076923x_7$
x_{10}	8.88461538462	$+0.807692x_{16} +1.192308x_2 +0.576923x_9 +0.846154x_{17} -1.384615x_{15} -8.461538x_6 +1.730769x_7$
x_{11}	2.34615384615	$+0.076923x_{16} +0.923077x_2 -0.230769x_9 -0.038462x_{17} +0.653846x_{15} +3.884615x_6 +3.807692x_7$
x_{12}	31.4230769231	$-0.961538x_{16} +2.961538x_2 -0.115385x_9 -0.769231x_{17} +0.076923x_{15} +1.692308x_6 -4.346154x_7$
x_{13}	29.3461538462	$-0.923077x_{16} +0.923077x_2 -0.230769x_9 -0.038462x_{17} -0.346154x_{15} -1.115385x_6 -0.192308x_7$
x_{14}	2.92307692308	$+0.538462x_{16} -2.538462x_2 +0.384615x_9 +0.230769x_{17} -0.923077x_{15} -1.307692x_6 +4.153846x_7$
x_5	2.57692307692	$-0.038462x_{16} +0.038462x_2 +0.115385x_9 -0.230769x_{17} -0.076923x_{15} -0.692308x_6 -0.653846x_7$
x_1	1.82692307692	$-0.288462x_{16} -0.211538x_2 -0.134615x_9 -0.230769x_{17} +0.423077x_{15} +1.807692x_6 -0.903846x_7$
x_3	0.634615384615	$+0.057692x_{16} +0.442308x_2 -0.173077x_9 -0.153846x_{17} +0.115385x_{15} +0.038462x_6 -0.019231x_7$
z	13.8461538462	$+0.076923x_{16} -0.076923x_2 -0.230769x_9 -0.538462x_{17} -0.846154x_{15} -2.615385x_6 -0.692308x_7$

x_{16} enters and x_1 leaves

x_8	10.3333333333	$+2.333333x_1 +2.666667x_2 +0.333333x_9 +1.000000x_{17} -1.333333x_{15} -4.333333x_6 +3.666667x_7$
x_4	3.83333333333	$+0.933333x_1 +0.466667x_2 -0.066667x_9 +0.100000x_{17} -0.433333x_{15} -1.033333x_6 -0.233333x_7$
x_{10}	14.0	$-2.800000x_1 +0.600000x_2 +0.200000x_9 +0.200000x_{17} -0.200000x_{15} -3.400000x_6 -0.800000x_7$
x_{11}	2.83333333333	$-0.266667x_1 +0.866667x_2 -0.266667x_9 -0.100000x_{17} +0.766667x_{15} +4.366667x_6 +3.566667x_7$
x_{12}	25.3333333333	$+3.333333x_1 +3.666667x_2 +0.333333x_9 -1.333333x_{15} -4.333333x_6 -1.333333x_7$
x_{13}	23.5	$+3.200000x_1 +1.600000x_2 +0.200000x_9 +0.700000x_{17} -1.700000x_{15} -6.900000x_6 +2.700000x_7$
x_{14}	6.33333333333	$-1.866667x_1 -2.933333x_2 +0.133333x_9 -0.200000x_{17} -0.133333x_{15} +2.066667x_6 +2.466667x_7$
x_5	2.33333333333	$+0.133333x_1 +0.066667x_2 +0.133333x_9 -0.200000x_{17} -0.133333x_{15} -0.933333x_6 -0.533333x_7$
x_{16}	6.33333333333	$-3.466667x_1 -0.733333x_2 -0.466667x_9 -0.800000x_{17} +1.466667x_{15} +6.266667x_6 -3.133333x_7$
x_3	1.0	$-0.200000x_1 +0.400000x_2 -0.200000x_9 -0.200000x_{17} +0.200000x_{15} +0.400000x_6 -0.200000x_7$
z	14.3333333333	$-0.266667x_1 -0.133333x_2 -0.266667x_9 -0.600000x_{17} -0.733333x_{15} -2.133333x_6 -0.933333x_7$

x_{-1} enters and Final Dictionary Solution: 14.3333333333 Num Pivots: 6