x_8	2.0	$-1.000000x_1$	$+1.000000x_2$	$+3.000000x_3$	$+1.000000x_4$	$+2.000000x_5$	$-2.000000x_6$	$+3.000000x_7$
x_9	3.0	$+2.000000x_1$	$-1.000000x_2$	$+1.000000x_3$	$+2.000000x_4$		$+1.000000x_6$	
x_{10}	7.0	$-3.000000x_1$		$+2.000000x_3$	$+2.000000x_4$	$-2.000000x_5$	$+1.000000x_6$	$+2.000000x_7$
x_{11}	14.0	$-1.000000x_1$	$-2.000000x_2$		$-1.000000x_4$	$-3.000000x_5$	$-3.000000x_6$	$+2.000000x_7$
x_{12}	14.0	$+2.000000x_1$	$-3.000000x_2$	$+2.000000x_3$	$-1.000000x_4$	$-3.000000x_5$	$-2.000000x_6$	$-3.000000x_7$
x_{13}	10.0	$-3.000000x_1$	$+2.000000x_2$	$+2.000000x_3$	$-2.000000x_4$	$+3.000000x_5$	$+2.000000x_6$	$-1.000000x_7$
x_{14}	1.0	$-2.000000x_1$		$+1.000000x_3$	$+2.000000x_4$	$+1.000000x_5$	$-1.000000x_6$	$-3.000000x_7$
x_{15}	9.0	$-3.000000x_1$	$-3.000000x_2$	$-2.000000x_3$	$+2.000000x_4$	$+3.000000x_5$	$-2.000000x_6$	
x_{16}	13.0	$+3.000000x_1$	$-1.000000x_2$	$+1.000000x_3$	$-2.000000x_4$		$+1.000000x_6$	$+1.000000x_7$
x_{17}	8.0	$-3.000000x_1$	$+1.000000x_2$	$+1.000000x_3$	$+1.000000x_4$	$+2.000000x_5$	$+1.000000x_6$	
z	0.0	$+1.000000x_1$	$-1.000000x_2$	$-2.000000x_3$		$-1.000000x_5$	$+1.000000x_6$	$-1.000000x_7$

No initialization required –¿ Proceed to Optimize.

x_8	2.0	$-1.000000x_1$	$+1.000000x_2$	$+3.000000x_3$	$+1.000000x_4$	$+2.000000x_5$	$-2.000000x_6$	$+3.000000x_7$
x_9	3.0	$+2.000000x_1$	$-1.000000x_2$	$+1.000000x_3$	$+2.000000x_4$		$+1.000000x_6$	
x_{10}	7.0	$-3.000000x_1$		$+2.000000x_3$	$+2.000000x_4$	$-2.000000x_5$	$+1.000000x_6$	$+2.000000x_7$
x_{11}	14.0	$-1.000000x_1$	$-2.000000x_2$		$-1.000000x_4$	$-3.000000x_5$	$-3.000000x_6$	$+2.000000x_7$
x_{12}	14.0	$+2.000000x_1$	$-3.000000x_2$	$+2.000000x_3$	$-1.000000x_4$	$-3.000000x_5$	$-2.000000x_6$	$-3.000000x_7$
x_{13}	10.0	$-3.000000x_1$	$+2.000000x_2$	$+2.000000x_3$	$-2.000000x_4$	$+3.000000x_5$	$+2.000000x_6$	$-1.000000x_7$
x_{14}	1.0	$-2.000000x_1$		$+1.000000x_3$	$+2.000000x_4$	$+1.000000x_5$	$-1.000000x_6$	$-3.000000x_7$
x_{15}	9.0	$-3.000000x_1$	$-3.000000x_2$	$-2.000000x_3$	$+2.000000x_4$	$+3.000000x_5$	$-2.000000x_6$	
x_{16}	13.0	$+3.000000x_1$	$-1.000000x_2$	$+1.000000x_3$	$-2.000000x_4$		$+1.000000x_6$	$+1.000000x_7$
x_{17}	8.0	$-3.000000x_1$	$+1.000000x_2$	$+1.000000x_3$	$+1.000000x_4$	$+2.000000x_5$	$+1.000000x_6$	
z	0.0	$+1.000000x_1$	$-1.000000x_2$	$-2.000000x_3$		$-1.000000x_5$	$+1.000000x_6$	$-1.000000x_7$

x_1 enters and x_{14} leaves

x_8	1.5	$+0.500000x_{14}$	$+1.000000x_2$	$+2.500000x_3$		$+1.500000x_5$	$-1.500000x_6$	$+4.500000x_7$
x_9	4.0	$-1.000000x_{14}$	$-1.000000x_2$	$+2.000000x_3$	$+4.000000x_4$	$+1.000000x_5$		$-3.000000x_7$
x_{10}	5.5	$+1.500000x_{14}$		$+0.500000x_3$	$-1.000000x_4$	$-3.500000x_5$	$+2.500000x_6$	$+6.500000x_7$
x_{11}	13.5	$+0.500000x_{14}$	$-2.000000x_2$	$-0.500000x_3$	$-2.000000x_4$	$-3.500000x_5$	$-2.500000x_6$	$+3.500000x_7$
x_{12}	15.0	$-1.000000x_{14}$	$-3.000000x_2$	$+3.000000x_3$	$+1.000000x_4$	$-2.000000x_5$	$-3.000000x_6$	$-6.000000x_7$
x_{13}	8.5	$+1.500000x_{14}$	$+2.000000x_2$	$+0.500000x_3$	$-5.000000x_4$	$+1.500000x_5$	$+3.500000x_6$	$+3.500000x_7$
x_1	0.5	$-0.500000x_{14}$		$+0.500000x_3$	$+1.000000x_4$	$+0.500000x_5$	$-0.500000x_6$	$-1.500000x_7$
x_{15}	7.5	$+1.500000x_{14}$	$-3.000000x_2$	$-3.500000x_3$	$-1.000000x_4$	$+1.500000x_5$	$-0.500000x_6$	$+4.500000x_7$
x_{16}	14.5	$-1.500000x_{14}$	$-1.000000x_2$	$+2.500000x_3$	$+1.000000x_4$	$+1.500000x_5$	$-0.500000x_6$	$-3.500000x_7$
x_{17}	6.5	$+1.500000x_{14}$	$+1.000000x_2$	$-0.500000x_3$	$-2.000000x_4$	$+0.500000x_5$	$+2.500000x_6$	$+4.500000x_7$
z	0.5	$-0.500000x_{14}$	$-1.000000x_2$	$-1.500000x_3$	$+1.000000x_4$	$-0.500000x_5$	$+0.500000x_6$	$-2.500000x_7$

x_4 enters and x_{13} leaves

x_8	1.5	$+0.500000x_{14}$	$+1.000000x_2$	$+2.500000x_3$		$+1.500000x_5$	$-1.500000x_6$	$+4.500000x_7$
x_9	10.8	$+0.200000x_{14}$	$+0.600000x_2$	$+2.400000x_3$	$-0.800000x_{13}$	$+2.200000x_5$	$+2.800000x_6$	$-0.200000x_7$
x_{10}	3.8	$+1.200000x_{14}$	$-0.400000x_2$	$+0.400000x_3$	$+0.200000x_{13}$	$-3.800000x_5$	$+1.800000x_6$	$+5.800000x_7$
x_{11}	10.1	$-0.100000x_{14}$	$-2.800000x_2$	$-0.700000x_3$	$+0.400000x_{13}$	$-4.100000x_5$	$-3.900000x_6$	$+2.100000x_7$
x_{12}	16.7	$-0.700000x_{14}$	$-2.600000x_2$	$+3.100000x_3$	$-0.200000x_{13}$	$-1.700000x_5$	$-2.300000x_6$	$-5.300000x_7$
x_4	1.7	$+0.300000x_{14}$	$+0.400000x_2$	$+0.100000x_3$	$-0.200000x_{13}$	$+0.300000x_5$	$+0.700000x_6$	$+0.700000x_7$
x_1	2.2	$-0.200000x_{14}$	$+0.400000x_2$	$+0.600000x_3$	$-0.200000x_{13}$	$+0.800000x_5$	$+0.200000x_6$	$-0.800000x_7$
x_{15}	5.8	$+1.200000x_{14}$	$-3.400000x_2$	$-3.600000x_3$	$+0.200000x_{13}$	$+1.200000x_5$	$-1.200000x_6$	$+3.800000x_7$
x_{16}	16.2	$-1.200000x_{14}$	$-0.600000x_2$	$+2.600000x_3$	$-0.200000x_{13}$	$+1.800000x_5$	$+0.200000x_6$	$-2.800000x_7$
x_{17}	3.1	$+0.900000x_{14}$	$+0.200000x_2$	$-0.700000x_3$	$+0.400000x_{13}$	$-0.100000x_5$	$+1.100000x_6$	$+3.100000x_7$
z	2.2	$-0.200000x_{14}$	$-0.600000x_2$	$-1.400000x_3$	$-0.200000x_{13}$	$-0.200000x_5$	$+1.200000x_6$	$-1.800000x_7$

x_6 enters and x_8 leaves

x_6	1.0	$+0.333333x_{14}$	$+0.666667x_2$	$+1.666667x_3$		$+1.000000x_5$	$-0.666667x_8$	$+3.000000x_7$
x_9	13.6	$+1.133333x_{14}$	$+2.466667x_2$	$+7.066667x_3$	$-0.800000x_{13}$	$+5.000000x_5$	$-1.866667x_8$	$+8.200000x_7$
x_{10}	5.6	$+1.800000x_{14}$	$+0.800000x_2$	$+3.400000x_3$	$+0.200000x_{13}$	$-2.000000x_5$	$-1.200000x_8$	$+11.200000x_7$
x_{11}	6.2	$-1.400000x_{14}$	$-5.400000x_2$	$-7.200000x_3$	$+0.400000x_{13}$	$-8.000000x_5$	$+2.600000x_8$	$-9.600000x_7$
x_{12}	14.4	$-1.466667x_{14}$	$-4.133333x_2$	$-0.733333x_3$	$-0.200000x_{13}$	$-4.000000x_5$	$+1.533333x_8$	$-12.200000x_7$
x_4	2.4	$+0.533333x_{14}$	$+0.866667x_2$	$+1.266667x_3$	$-0.200000x_{13}$	$+1.000000x_5$	$-0.466667x_8$	$+2.800000x_7$
x_1	2.4	$-0.133333x_{14}$	$+0.533333x_2$	$+0.933333x_3$	$-0.200000x_{13}$	$+1.000000x_5$	$-0.133333x_8$	$-0.200000x_7$
x_{15}	4.6	$+0.800000x_{14}$	$-4.200000x_2$	$-5.600000x_3$	$+0.200000x_{13}$		$+0.800000x_8$	$+0.200000x_7$
x_{16}	16.4	$-1.133333x_{14}$	$-0.466667x_2$	$+2.933333x_3$	$-0.200000x_{13}$	$+2.000000x_5$	$-0.133333x_8$	$-2.200000x_7$
x_{17}	4.2	$+1.266667x_{14}$	$+0.933333x_2$	$+1.133333x_3$	$+0.400000x_{13}$	$+1.000000x_5$	$-0.733333x_8$	$+6.400000x_7$
z	3.4	$+0.200000x_{14}$	$+0.200000x_2$	$+0.600000x_3$	$-0.200000x_{13}$	$+1.000000x_5$	$-0.800000x_8$	$+1.800000x_7$

x_2 enters and x_{15} leaves

x_6	1.73015873016	$+0.460317x_{14}$	$-0.158730x_{15}$	$+0.777778x_3$	$+0.031746x_{13}$	$+1.000000x_5$	$-0.539683x_8$	$+3.031746x_7$
x_9	16.3015873016	$+1.603175x_{14}$	$-0.587302x_{15}$	$+3.777778x_3$	$-0.682540x_{13}$	$+5.000000x_5$	$-1.396825x_8$	$+8.317460x_7$
x_{10}	6.47619047619	$+1.952381x_{14}$	$-0.190476x_{15}$	$+2.333333x_3$	$+0.238095x_{13}$	$-2.000000x_5$	$-1.047619x_8$	$+11.238095x_7$
x_{11}	0.285714285714	$-2.428571x_{14}$	$+1.285714x_{15}$	$-0.000000x_3$	$+0.142857x_{13}$	$-8.000000x_5$	$+1.571429x_8$	$-9.857143x_7$
x_{12}	9.87301587302	$-2.253968x_{14}$	$+0.984127x_{15}$	$+4.777778x_3$	$-0.396825x_{13}$	$-4.000000x_5$	$+0.746032x_8$	$-12.396825x_7$
x_4	3.34920634921	$+0.698413x_{14}$	$-0.206349x_{15}$	$+0.111111x_3$	$-0.158730x_{13}$	$+1.000000x_5$	$-0.301587x_8$	$+2.841270x_7$
x_1	2.98412698413	$-0.031746x_{14}$	$-0.126984x_{15}$	$+0.222222x_3$	$-0.174603x_{13}$	$+1.000000x_5$	$-0.031746x_8$	$-0.174603x_7$
x_2	1.09523809524	$+0.190476x_{14}$	$-0.238095x_{15}$	$-1.333333x_3$	$+0.047619x_{13}$		$+0.190476x_8$	$+0.047619x_7$
x_{16}	15.8888888889	$-1.222222x_{14}$	$+0.111111x_{15}$	$+3.555556x_3$	$-0.222222x_{13}$	$+2.000000x_5$	$-0.222222x_8$	$-2.222222x_7$
x_{17}	5.22222222222	$+1.444444x_{14}$	$-0.222222x_{15}$	$-0.111111x_3$	$+0.444444x_{13}$	$+1.000000x_5$	$-0.555556x_8$	$+6.444444x_7$
z	3.61904761905	$+0.238095x_{14}$	$-0.047619x_{15}$	$+0.333333x_3$	$-0.190476x_{13}$	$+1.000000x_5$	$-0.761905x_8$	$+1.809524x_7$

x_3 enters and x_2 leaves

x_6	2.36904761905	$+0.571429x_{14} -0.297619x_{15} -0.583333x_2 +0.059524x_{13} +1.000000x_5 -0.428571x_8 +3.059524x_7$
x_9	19.4047619048	$+2.142857x_{14} -1.261905x_{15} -2.833333x_2 -0.547619x_{13} +5.000000x_5 -0.857143x_8 +8.452381x_7$
x_{10}	8.39285714286	$+2.285714x_{14} -0.607143x_{15} -1.750000x_2 +0.321429x_{13} -2.000000x_5 -0.714286x_8 +11.321429x_7$
x_{11}	0.285714285714	$-2.428571x_{14} +1.285714x_{15} +0.000000x_2 +0.142857x_{13} -8.000000x_5 +1.571429x_8 -9.857143x_7$
x_{12}	13.7976190476	$-1.571429x_{14} +0.130952x_{15} -3.583333x_2 -0.226190x_{13} -4.000000x_5 +1.428571x_8 -12.226190x_7$
x_4	3.44047619048	$+0.714286x_{14} -0.226190x_{15} -0.083333x_2 -0.154762x_{13} +1.000000x_5 -0.285714x_8 +2.845238x_7$
x_1	3.16666666667	$-0.000000x_{14} -0.166667x_{15} -0.166667x_2 -0.166667x_{13} +1.000000x_5 +0.000000x_8 -0.166667x_7$
x_3	0.821428571429	$+0.142857x_{14} -0.178571x_{15} -0.750000x_2 +0.035714x_{13} +0.142857x_8 +0.035714x_7$
x_{16}	18.8095238095	$-0.714286x_{14} -0.523810x_{15} -2.666667x_2 -0.095238x_{13} +2.000000x_5 +0.285714x_8 -2.095238x_7$
x_{17}	5.13095238095	$+1.428571x_{14} -0.202381x_{15} +0.083333x_2 +0.440476x_{13} +1.000000x_5 -0.571429x_8 +6.440476x_7$
z	3.89285714286	$+0.285714x_{14} -0.107143x_{15} -0.250000x_2 -0.178571x_{13} +1.000000x_5 -0.714286x_8 +1.821429x_7$

x_5 enters and x_{11} leaves

x_6	2.40476190476	$+0.267857x_{14} -0.136905x_{15} -0.583333x_2 +0.077381x_{13} -0.125000x_{11} -0.232143x_8 +1.827381x_7$
x_9	19.5833333333	$+0.625000x_{14} -0.458333x_{15} -2.833333x_2 -0.458333x_{13} -0.625000x_{11} +0.125000x_8 +2.291667x_7$
x_{10}	8.32142857143	$+2.892857x_{14} -0.928571x_{15} -1.750000x_2 +0.285714x_{13} +0.250000x_{11} -1.107143x_8 +13.785714x_7$
x_5	0.0357142857143	$-0.303571x_{14} +0.160714x_{15} +0.000000x_2 +0.017857x_{13} -0.125000x_{11} +0.196429x_8 -1.232143x_7$
x_{12}	13.6547619048	$-0.357143x_{14} -0.511905x_{15} -3.583333x_2 -0.297619x_{13} +0.500000x_{11} +0.642857x_8 -7.297619x_7$
x_4	3.47619047619	$+0.410714x_{14} -0.065476x_{15} -0.083333x_2 -0.136905x_{13} -0.125000x_{11} -0.089286x_8 +1.613095x_7$
x_1	3.20238095238	$-0.303571x_{14} -0.005952x_{15} -0.166667x_2 -0.148810x_{13} -0.125000x_{11} +0.196429x_8 -1.398810x_7$
x_3	0.821428571429	$+0.142857x_{14} -0.178571x_{15} -0.750000x_2 +0.035714x_{13} +0.142857x_8 +0.035714x_7$
x_{16}	18.880952381	$-1.321429x_{14} -0.202381x_{15} -2.666667x_2 -0.059524x_{13} -0.250000x_{11} +0.678571x_8 -4.559524x_7$
x_{17}	5.16666666667	$+1.125000x_{14} -0.041667x_{15} +0.083333x_2 +0.458333x_{13} -0.125000x_{11} -0.375000x_8 +5.208333x_7$
z	3.92857142857	$-0.017857x_{14} +0.053571x_{15} -0.250000x_2 -0.160714x_{13} -0.125000x_{11} -0.517857x_8 +0.589286x_7$

x_7 enters and x_5 leaves

x_6	2.4577294686	$-0.182367x_{14} +0.101449x_{15} -0.583333x_2 +0.103865x_{13} -0.310386x_{11} +0.059179x_8 -1.483092x_5$
x_9	19.6497584541	$+0.060386x_{14} -0.159420x_{15} -2.833333x_2 -0.425121x_{13} -0.857488x_{11} +0.490338x_8 -1.859903x_5$
x_{10}	8.72101449275	$-0.503623x_{14} +0.869565x_{15} -1.750000x_2 +0.485507x_{13} -1.148551x_{11} +1.090580x_8 -11.188406x_5$
x_7	0.0289855072464	$-0.246377x_{14} +0.130435x_{15} +0.000000x_2 +0.014493x_{13} -0.101449x_{11} +0.159420x_8 -0.811594x_5$
x_{12}	13.443236715	$+1.440821x_{14} -1.463768x_{15} -3.583333x_2 -0.403382x_{13} +1.240338x_{11} -0.520531x_8 +5.922705x_5$
x_4	3.5229468599	$+0.013285x_{14} +0.144928x_{15} -0.083333x_2 -0.113527x_{13} -0.288647x_{11} +0.167874x_8 -1.309179x_5$
x_1	3.16183574879	$+0.041063x_{14} -0.188406x_{15} -0.166667x_2 -0.169082x_{13} +0.016908x_{11} -0.026570x_8 +1.135266x_5$
x_3	0.822463768116	$+0.134058x_{14} -0.173913x_{15} -0.750000x_2 +0.036232x_{13} -0.003623x_{11} +0.148551x_8 -0.028986x_5$
x_{16}	18.7487922705	$-0.198068x_{14} -0.797101x_{15} -2.666667x_2 -0.125604x_{13} +0.212560x_{11} -0.048309x_8 +3.700483x_5$
x_{17}	5.31763285024	$-0.158213x_{14} +0.637681x_{15} +0.083333x_2 +0.533816x_{13} -0.653382x_{11} +0.455314x_8 -4.227053x_5$
z	3.94565217391	$-0.163043x_{14} +0.130435x_{15} -0.250000x_2 -0.152174x_{13} -0.184783x_{11} -0.423913x_8 -0.478261x_5$

x_{15} enters and x_3 leaves

x_6	2.9375	$-0.104167x_{14} -0.583333x_3 -1.020833x_2 +0.125000x_{13} -0.312500x_{11} +0.145833x_8 -1.500000x_5$
x_9	18.8958333333	$-0.062500x_{14} +0.916667x_3 -2.145833x_2 -0.458333x_{13} -0.854167x_{11} +0.354167x_8 -1.833333x_5$
x_{10}	12.8333333333	$+0.166667x_{14} -5.000000x_3 -5.500000x_2 +0.666667x_{13} -1.166667x_{11} +1.833333x_8 -11.333333x_5$
x_7	0.645833333333	$-0.145833x_{14} -0.750000x_3 -0.562500x_2 +0.041667x_{13} -0.104167x_{11} +0.270833x_8 -0.833333x_5$
x_{12}	6.52083333333	$+0.312500x_{14} +8.416667x_3 +2.729167x_2 -0.708333x_{13} +1.270833x_{11} -1.770833x_8 +6.166667x_5$
x_4	4.20833333333	$+0.125000x_{14} -0.833333x_3 -0.708333x_2 -0.083333x_{13} -0.291667x_{11} +0.291667x_8 -1.333333x_5$
x_1	2.27083333333	$-0.104167x_{14} +1.083333x_3 +0.645833x_2 -0.208333x_{13} +0.020833x_{11} -0.187500x_8 +1.166667x_5$
x_{15}	4.72916666667	$+0.770833x_{14} -5.750000x_3 -4.312500x_2 +0.208333x_{13} -0.020833x_{11} +0.854167x_8 -0.166667x_5$
x_{16}	14.9791666667	$-0.812500x_{14} +4.583333x_3 +0.770833x_2 -0.291667x_{13} +0.229167x_{11} -0.729167x_8 +3.833333x_5$
x_{17}	8.33333333333	$+0.333333x_{14} -3.666667x_3 -2.666667x_2 +0.666667x_{13} -0.666667x_{11} +1.000000x_8 -4.333333x_5$
z	4.5625	$-0.062500x_{14} -0.750000x_3 -0.812500x_2 -0.125000x_{13} -0.187500x_{11} -0.312500x_8 -0.500000x_5$

x_{-1} enters and Final Dictionary Solution: 4.5625 Num Pivots: 8