x_8	14.0		$+2.000000x_2$	$+2.000000x_3$	$-3.000000x_4$	$-1.000000x_5$		
x_9	5.0	$+1.000000x_1$	$-1.000000x_2$	$+3.000000x_3$	$+2.000000x_4$	$+3.000000x_5$	$-2.000000x_6$	$-2.000000x_7$
x_{10}	6.0		$+1.000000x_2$	$+1.000000x_3$	$-3.000000x_4$	$+1.000000x_5$	$-3.000000x_6$	$-2.000000x_7$
x_{11}	14.0	$+1.000000x_1$	$+3.000000x_2$	$-3.000000x_3$	$-1.000000x_4$		$-3.000000x_6$	$+1.000000x_7$
x_{12}	1.0		$+3.000000x_2$		$+1.000000x_4$	$-2.000000x_5$	$-3.000000x_6$	$+1.000000x_7$
x_{13}	6.0	$+3.000000x_1$	$+1.000000x_2$	$-3.000000x_3$	$+1.000000x_4$	$+1.000000x_5$	$+3.000000x_6$	$+1.000000x_7$
x_{14}	13.0	$-3.000000x_1$	$+1.000000x_2$	$+2.000000x_3$	$-3.000000x_4$	$+3.000000x_5$	$+3.000000x_6$	$+3.000000x_7$
x_{15}	5.0		$-1.000000x_2$	$+2.000000x_3$	$-2.000000x_4$	$-3.000000x_5$	$-1.000000x_6$	$-3.000000x_7$
x_{16}	5.0	$+3.000000x_1$	$+2.000000x_2$	$-3.000000x_3$	$+3.000000x_4$		$-1.000000x_6$	$+3.000000x_7$
x_{17}	1.0	$-2.000000x_1$	$+3.000000x_2$	$+2.000000x_3$	$-3.000000x_4$			$-1.000000x_7$
z	0.0		$-2.000000x_2$	$-1.000000x_3$	$-1.000000x_4$		$+2.000000x_6$	$+2.000000x_7$

No initialization required –¿ Proceed to Optimize.

x_8	14.0		$+2.000000x_2$	$+2.000000x_3$	$-3.000000x_4$	$-1.000000x_5$		
x_9	5.0	$+1.000000x_1$	$-1.000000x_2$	$+3.000000x_3$	$+2.000000x_4$	$+3.000000x_5$	$-2.000000x_6$	$-2.000000x_7$
x_{10}	6.0		$+1.000000x_2$	$+1.000000x_3$	$-3.000000x_4$	$+1.000000x_5$	$-3.000000x_6$	$-2.000000x_7$
x_{11}	14.0	$+1.000000x_1$	$+3.000000x_2$	$-3.000000x_3$	$-1.000000x_4$		$-3.000000x_6$	$+1.000000x_7$
x_{12}	1.0		$+3.000000x_2$		$+1.000000x_4$	$-2.000000x_5$	$-3.000000x_6$	$+1.000000x_7$
x_{13}	6.0	$+3.000000x_1$	$+1.000000x_2$	$-3.000000x_3$	$+1.000000x_4$	$+1.000000x_5$	$+3.000000x_6$	$+1.000000x_7$
x_{14}	13.0	$-3.000000x_1$	$+1.000000x_2$	$+2.000000x_3$	$-3.000000x_4$	$+3.000000x_5$	$+3.000000x_6$	$+3.000000x_7$
x_{15}	5.0		$-1.000000x_2$	$+2.000000x_3$	$-2.000000x_4$	$-3.000000x_5$	$-1.000000x_6$	$-3.000000x_7$
x_{16}	5.0	$+3.000000x_1$	$+2.000000x_2$	$-3.000000x_3$	$+3.000000x_4$		$-1.000000x_6$	$+3.000000x_7$
x_{17}	1.0	$-2.000000x_1$	$+3.000000x_2$	$+2.000000x_3$	$-3.000000x_4$			$-1.000000x_7$
z	0.0		$-2.000000x_2$	$-1.000000x_3$	$-1.000000x_4$		$+2.000000x_6$	$+2.000000x_7$

x_6 enters and x_{12} leaves

x_8	14.0		$+2.000000x_2$	$+2.000000x_3$	$-3.000000x_4$	$-1.000000x_5$		
x_9	4.33333333333	$+1.000000x_1$	$-3.000000x_2$	$+3.000000x_3$	$+1.333333x_4$	$+4.333333x_5$	$+0.666667x_{12}$	$-2.666667x_7$
x_{10}	5.0		$-2.000000x_2$	$+1.000000x_3$	$-4.000000x_4$	$+3.000000x_5$	$+1.000000x_{12}$	$-3.000000x_7$
x_{11}	13.0	$+1.000000x_1$		$-3.000000x_3$	$-2.000000x_4$	$+2.000000x_5$	$+1.000000x_{12}$	
x_6	0.333333333333		$+1.000000x_2$		$+0.333333x_4$	$-0.666667x_5$	$-0.333333x_{12}$	$+0.333333x_7$
x_{13}	7.0	$+3.000000x_1$	$+4.000000x_2$	$-3.000000x_3$	$+2.000000x_4$	$-1.000000x_5$	$-1.000000x_{12}$	$+2.000000x_7$
x_{14}	14.0	$-3.000000x_1$	$+4.000000x_2$	$+2.000000x_3$	$-2.000000x_4$	$+1.000000x_5$	$-1.000000x_{12}$	$+4.000000x_7$
x_{15}	4.66666666667		$-2.000000x_2$	$+2.000000x_3$	$-2.333333x_4$	$-2.333333x_5$	$+0.333333x_{12}$	$-3.333333x_7$
x_{16}	4.66666666667	$+3.000000x_1$	$+1.000000x_2$	$-3.000000x_3$	$+2.666667x_4$	$+0.666667x_5$	$+0.333333x_{12}$	$+2.666667x_7$
x_{17}	1.0	$-2.000000x_1$	$+3.000000x_2$	$+2.000000x_3$	$-3.000000x_4$			$-1.000000x_7$
z	0.666666666667			$-1.000000x_3$	$-0.333333x_4$	$-1.333333x_5$	$-0.666667x_{12}$	$+2.666667x_7$

x_7 enters and x_{17} leaves

x_8	14.0		$+2.000000x_2$	$+2.000000x_3$	$-3.000000x_4$	$-1.000000x_5$	
x_9	1.66666666667	$+6.333333x_1$	$-11.000000x_2$	$-2.333333x_3$	$+9.333333x_4$	$+4.333333x_5$	$+0.666667x_{12}$ $+2.666667x_{17}$
x_{10}	2.0	$+6.000000x_1$	$-11.000000x_2$	$-5.000000x_3$	$+5.000000x_4$	$+3.000000x_5$	$+1.000000x_{12}$ $+3.000000x_{17}$
x_{11}	13.0	$+1.000000x_1$		$-3.000000x_3$	$-2.000000x_4$	$+2.000000x_5$	$+1.000000x_{12}$
x_6	0.666666666667	$-0.666667x_1$	$+2.000000x_2$	$+0.666667x_3$	$-0.666667x_4$	$-0.666667x_5$	$-0.333333x_{12}$ $-0.333333x_{17}$
x_{13}	9.0	$-1.000000x_1$	$+10.000000x_2$	$+1.000000x_3$	$-4.000000x_4$	$-1.000000x_5$	$-1.000000x_{12}$ $-2.000000x_{17}$
x_{14}	18.0	$-11.000000x_1$	$+16.000000x_2$	$+10.000000x_3$	$-14.000000x_4$	$+1.000000x_5$	$-1.000000x_{12}$ $-4.000000x_{17}$
x_{15}	1.33333333333	$+6.666667x_1$	$-12.000000x_2$	$-4.666667x_3$	$+7.666667x_4$	$-2.333333x_5$	$+0.333333x_{12}$ $+3.333333x_{17}$
x_{16}	7.33333333333	$-2.333333x_1$	$+9.000000x_2$	$+2.333333x_3$	$-5.333333x_4$	$+0.666667x_5$	$+0.333333x_{12}$ $-2.666667x_{17}$
x_7	1.0	$-2.000000x_1$	$+3.000000x_2$	$+2.000000x_3$	$-3.000000x_4$		$-1.000000x_{17}$
z	3.33333333333	$-5.333333x_1$	$+8.000000x_2$	$+4.333333x_3$	$-8.333333x_4$	$-1.333333x_5$	$-0.666667x_{12}$ $-2.666667x_{17}$

x_2 enters and x_{15} leaves

x_8	14.2222222222	$+1.111111x_1$	$-0.166667x_{15}$	$+1.222222x_3$	$-1.722222x_4$	$-1.388889x_5$	$+0.055556x_{12}$ $+0.555556x_{17}$
x_9	0.444444444444	$+0.222222x_1$	$+0.916667x_{15}$	$+1.944444x_3$	$+2.305556x_4$	$+6.472222x_5$	$+0.361111x_{12}$ $-0.388889x_{17}$
x_{10}	0.777777777778	$-0.111111x_1$	$+0.916667x_{15}$	$-0.722222x_3$	$-2.027778x_4$	$+5.138889x_5$	$+0.694444x_{12}$ $-0.055556x_{17}$
x_{11}	13.0	$+1.000000x_1$		$-3.000000x_3$	$-2.000000x_4$	$+2.000000x_5$	$+1.000000x_{12}$
x_6	0.888888888889	$+0.444444x_1$	$-0.166667x_{15}$	$-0.111111x_3$	$+0.611111x_4$	$-1.055556x_5$	$-0.277778x_{12}$ $+0.222222x_{17}$
x_{13}	10.1111111111	$+4.555556x_1$	$-0.833333x_{15}$	$-2.888889x_3$	$+2.388889x_4$	$-2.944444x_5$	$-0.722222x_{12}$ $+0.777778x_{17}$
x_{14}	19.7777777778	$-2.111111x_1$	$-1.333333x_{15}$	$+3.777778x_3$	$-3.777778x_4$	$-2.111111x_5$	$-0.555556x_{12}$ $+0.444444x_{17}$
x_2	0.111111111111	$+0.555556x_1$	$-0.083333x_{15}$	$-0.388889x_3$	$+0.638889x_4$	$-0.194444x_5$	$+0.027778x_{12}$ $+0.277778x_{17}$
x_{16}	8.33333333333	$+2.666667x_1$	$-0.750000x_{15}$	$-1.166667x_3$	$+0.416667x_4$	$-1.083333x_5$	$+0.583333x_{12}$ $-0.166667x_{17}$
x_7	1.33333333333	$-0.333333x_1$	$-0.250000x_{15}$	$+0.833333x_3$	$-1.083333x_4$	$-0.583333x_5$	$+0.083333x_{12}$ $-0.166667x_{17}$
z	4.22222222222	$-0.888889x_1$	$-0.666667x_{15}$	$+1.222222x_3$	$-3.222222x_4$	$-2.888889x_5$	$-0.444444x_{12}$ $-0.444444x_{17}$

x_3 enters and x_2 leaves

x_8	14.5714285714	$+2.857143x_1$	$-0.428571x_{15}$	$-3.142857x_2$	$+0.285714x_4$	$-2.000000x_5$	$+0.142857x_{12}$ $+1.428571x_{17}$
x_9	1.0	$+3.000000x_1$	$+0.500000x_{15}$	$-5.000000x_2$	$+5.500000x_4$	$+5.500000x_5$	$+0.500000x_{12}$ $+1.000000x_{17}$
x_{10}	0.571428571429	$-1.142857x_1$	$+1.071429x_{15}$	$+1.857143x_2$	$-3.214286x_4$	$+5.500000x_5$	$+0.642857x_{12}$ $-0.571429x_{17}$
x_{11}	12.1428571429	$-3.285714x_1$	$+0.642857x_{15}$	$+7.714286x_2$	$-6.928571x_4$	$+3.500000x_5$	$+0.785714x_{12}$ $-2.142857x_{17}$
x_6	0.857142857143	$+0.285714x_1$	$-0.142857x_{15}$	$+0.285714x_2$	$+0.428571x_4$	$-1.000000x_5$	$-0.285714x_{12}$ $+0.142857x_{17}$
x_{13}	9.28571428571	$+0.428571x_1$	$-0.214286x_{15}$	$+7.428571x_2$	$-2.357143x_4$	$-1.500000x_5$	$-0.928571x_{12}$ $-1.285714x_{17}$
x_{14}	20.8571428571	$+3.285714x_1$	$-2.142857x_{15}$	$-9.714286x_2$	$+2.428571x_4$	$-4.000000x_5$	$-0.285714x_{12}$ $+3.142857x_{17}$
x_3	0.285714285714	$+1.428571x_1$	$-0.214286x_{15}$	$-2.571429x_2$	$+1.642857x_4$	$-0.500000x_5$	$+0.071429x_{12}$ $+0.714286x_{17}$
x_{16}	8.0	$+1.000000x_1$	$-0.500000x_{15}$	$+3.000000x_2$	$-1.500000x_4$	$-0.500000x_5$	$+0.500000x_{12}$ $-1.000000x_{17}$
x_7	1.57142857143	$+0.857143x_1$	$-0.428571x_{15}$	$-2.142857x_2$	$+0.285714x_4$	$-1.000000x_5$	$+0.142857x_{12}$ $+0.428571x_{17}$
z	4.57142857143	$+0.857143x_1$	$-0.928571x_{15}$	$-3.142857x_2$	$-1.214286x_4$	$-3.500000x_5$	$-0.357143x_{12}$ $+0.428571x_{17}$

x_1 enters and x_{10} leaves

x_8	16.0	$-2.500000x_{10} +2.250000x_{15} +1.500000x_2 -7.750000x_4 +11.750000x_5 +1.750000x_{12}$
x_9	2.5	$-2.625000x_{10} +3.312500x_{15} -0.125000x_2 -2.937500x_4 +19.937500x_5 +2.187500x_{12} -0.500000x_{17}$
x_1	0.5	$-0.875000x_{10} +0.937500x_{15} +1.625000x_2 -2.812500x_4 +4.812500x_5 +0.562500x_{12} -0.500000x_{17}$
x_{11}	10.5	$+2.875000x_{10} -2.437500x_{15} +2.375000x_2 +2.312500x_4 -12.312500x_5 -1.062500x_{12} -0.500000x_{17}$
x_6	1.0	$-0.250000x_{10} +0.125000x_{15} +0.750000x_2 -0.375000x_4 +0.375000x_5 -0.125000x_{12}$
x_{13}	9.5	$-0.375000x_{10} +0.187500x_{15} +8.125000x_2 -3.562500x_4 +0.562500x_5 -0.687500x_{12} -1.500000x_{17}$
x_{14}	22.5	$-2.875000x_{10} +0.937500x_{15} -4.375000x_2 -6.812500x_4 +11.812500x_5 +1.562500x_{12} +1.500000x_{17}$
x_3	1.0	$-1.250000x_{10} +1.125000x_{15} -0.250000x_2 -2.375000x_4 +6.375000x_5 +0.875000x_{12}$
x_{16}	8.5	$-0.875000x_{10} +0.437500x_{15} +4.625000x_2 -4.312500x_4 +4.312500x_5 +1.062500x_{12} -1.500000x_{17}$
x_7	2.0	$-0.750000x_{10} +0.375000x_{15} -0.750000x_2 -2.125000x_4 +3.125000x_5 +0.625000x_{12}$
z	5.0	$-0.750000x_{10} -0.125000x_{15} -1.750000x_2 -3.625000x_4 +0.625000x_5 +0.125000x_{12}$

x_5 enters and x_{11} leaves

x_8	26.0203045685	$+0.243655x_{10} -0.076142x_{15} +3.766497x_2 -5.543147x_4 -0.954315x_{11} +0.736041x_{12} -0.477157x_{17}$
x_9	19.5025380711	$+2.030457x_{10} -0.634518x_{15} +3.720812x_2 +0.807107x_4 -1.619289x_{11} +0.467005x_{12} -1.309645x_{17}$
x_1	4.60406091371	$+0.248731x_{10} -0.015228x_{15} +2.553299x_2 -1.908629x_4 -0.390863x_{11} +0.147208x_{12} -0.695431x_{17}$
x_5	0.852791878173	$+0.233503x_{10} -0.197970x_{15} +0.192893x_2 +0.187817x_4 -0.081218x_{11} -0.086294x_{12} -0.040609x_{17}$
x_6	1.31979695431	$-0.162437x_{10} +0.050761x_{15} +0.822335x_2 -0.304569x_4 -0.030457x_{11} -0.157360x_{12} -0.015228x_{17}$
x_{13}	9.97969543147	$-0.243655x_{10} +0.076142x_{15} +8.233503x_2 -3.456853x_4 -0.045685x_{11} -0.736041x_{12} -1.522843x_{17}$
x_{14}	32.5736040609	$-0.116751x_{10} -1.401015x_{15} -2.096447x_2 -4.593909x_4 -0.959391x_{11} +0.543147x_{12} +1.020305x_{17}$
x_3	6.43654822335	$+0.238579x_{10} -0.137056x_{15} +0.979695x_2 -1.177665x_4 -0.517766x_{11} +0.324873x_{12} -0.258883x_{17}$
x_{16}	12.1776649746	$+0.131980x_{10} -0.416244x_{15} +5.456853x_2 -3.502538x_4 -0.350254x_{11} +0.690355x_{12} -1.675127x_{17}$
x_7	4.66497461929	$-0.020305x_{10} -0.243655x_{15} -0.147208x_2 -1.538071x_4 -0.253807x_{11} +0.355330x_{12} -0.126904x_{17}$
z	5.53299492386	$-0.604061x_{10} -0.248731x_{15} -1.629442x_2 -3.507614x_4 -0.050761x_{11} +0.071066x_{12} -0.025381x_{17}$

x_{12} enters and x_6 leaves

x_8	32.1935483871	$-0.516129x_{10} +0.161290x_{15} +7.612903x_2 -6.967742x_4 -1.096774x_{11} -4.677419x_6 -0.548387x_{17}$
x_9	23.4193548387	$+1.548387x_{10} -0.483871x_{15} +6.161290x_2 -0.096774x_4 -1.709677x_{11} -2.967742x_6 -1.354839x_{17}$
x_1	5.83870967742	$+0.096774x_{10} +0.032258x_{15} +3.322581x_2 -2.193548x_4 -0.419355x_{11} -0.935484x_6 -0.709677x_{17}$
x_5	0.129032258065	$+0.322581x_{10} -0.225806x_{15} -0.258065x_2 +0.354839x_4 -0.064516x_{11} +0.548387x_6 -0.032258x_{17}$
x_{12}	8.38709677419	$-1.032258x_{10} +0.322581x_{15} +5.225806x_2 -1.935484x_4 -0.193548x_{11} -6.354839x_6 -0.096774x_{17}$
x_{13}	3.8064516129	$+0.516129x_{10} -0.161290x_{15} +4.387097x_2 -2.032258x_4 +0.096774x_{11} +4.677419x_6 -1.451613x_{17}$
x_{14}	37.1290322581	$-0.677419x_{10} -1.225806x_{15} +0.741935x_2 -5.645161x_4 -1.064516x_{11} -3.451613x_6 +0.967742x_{17}$
x_3	9.16129032258	$-0.096774x_{10} -0.032258x_{15} +2.677419x_2 -1.806452x_4 -0.580645x_{11} -2.064516x_6 -0.290323x_{17}$
x_{16}	17.9677419355	$-0.580645x_{10} -0.193548x_{15} +9.064516x_2 -4.838710x_4 -0.483871x_{11} -4.387097x_6 -1.741935x_{17}$
x_7	7.64516129032	$-0.387097x_{10} -0.129032x_{15} +1.709677x_2 -2.225806x_4 -0.322581x_{11} -2.258065x_6 -0.161290x_{17}$
z	6.12903225806	$-0.677419x_{10} -0.225806x_{15} -1.258065x_2 -3.645161x_4 -0.064516x_{11} -0.451613x_6 -0.032258x_{17}$

x_{-1} enters and Final Dictionary Solution: 6.12903225806 Num Pivots: 7