x_8	2.0	$-2.000000x_1$	$+1.000000x_2$	$+1.000000x_3$	$+2.000000x_4$	$+1.000000x_5$	$+1.000000x_6$	
x_9	12.0	$-3.000000x_1$	$-2.000000x_2$	$+3.000000x_3$	$-1.000000x_4$	$-3.000000x_5$	$-2.000000x_6$	$+1.000000x_7$
x_{10}	8.0	$+1.000000x_1$	$-1.000000x_2$	$-2.000000x_3$	$-2.000000x_4$	$-3.000000x_5$	$+1.000000x_6$	$-2.000000x_7$
x_{11}	4.0	$-2.000000x_1$		$+3.000000x_3$	$+1.000000x_4$	$+2.000000x_5$	$+1.000000x_6$	$+2.000000x_7$
x_{12}	14.0	$-2.000000x_1$	$+2.000000x_2$	$+2.000000x_3$	$+2.000000x_4$	$+3.000000x_5$		$-2.000000x_7$
x_{13}	7.0	$+3.000000x_1$	$+3.000000x_2$	$+2.000000x_3$	$+2.000000x_4$		$+1.000000x_6$	$-2.000000x_7$
x_{14}	10.0	$+2.000000x_1$	$-2.000000x_2$	$+2.000000x_3$	$-1.000000x_4$	$-1.000000x_5$		$-3.000000x_7$
x_{15}	15.0	$-3.000000x_1$	$+1.000000x_2$	$-3.000000x_3$	$-3.000000x_4$	$+3.000000x_5$	$+1.000000x_6$	$+2.000000x_7$
x_{16}	15.0	$-2.000000x_1$	$+1.000000x_2$	$+2.000000x_3$	$-1.000000x_4$	$+3.000000x_5$	$+1.000000x_6$	$-2.000000x_7$
x_{17}	5.0	$-2.000000x_1$	$+2.000000x_2$		$-2.000000x_4$	$+1.000000x_5$	$+1.000000x_6$	$-3.000000x_7$
z	0.0	$+2.000000x_1$	$+1.000000x_2$	$-2.000000x_3$			$+1.000000x_6$	$+1.000000x_7$

No initialization required –¿ Proceed to Optimize.

x_8	2.0	$-2.000000x_1$	$+1.000000x_2$	$+1.000000x_3$	$+2.000000x_4$	$+1.000000x_5$	$+1.000000x_6$	
x_9	12.0	$-3.000000x_1$	$-2.000000x_2$	$+3.000000x_3$	$-1.000000x_4$	$-3.000000x_5$	$-2.000000x_6$	$+1.000000x_7$
x_{10}	8.0	$+1.000000x_1$	$-1.000000x_2$	$-2.000000x_3$	$-2.000000x_4$	$-3.000000x_5$	$+1.000000x_6$	$-2.000000x_7$
x_{11}	4.0	$-2.000000x_1$		$+3.000000x_3$	$+1.000000x_4$	$+2.000000x_5$	$+1.000000x_6$	$+2.000000x_7$
x_{12}	14.0	$-2.000000x_1$	$+2.000000x_2$	$+2.000000x_3$	$+2.000000x_4$	$+3.000000x_5$		$-2.000000x_7$
x_{13}	7.0	$+3.000000x_1$	$+3.000000x_2$	$+2.000000x_3$	$+2.000000x_4$		$+1.000000x_6$	$-2.000000x_7$
x_{14}	10.0	$+2.000000x_1$	$-2.000000x_2$	$+2.000000x_3$	$-1.000000x_4$	$-1.000000x_5$		$-3.000000x_7$
x_{15}	15.0	$-3.000000x_1$	$+1.000000x_2$	$-3.000000x_3$	$-3.000000x_4$	$+3.000000x_5$	$+1.000000x_6$	$+2.000000x_7$
x_{16}	15.0	$-2.000000x_1$	$+1.000000x_2$	$+2.000000x_3$	$-1.000000x_4$	$+3.000000x_5$	$+1.000000x_6$	$-2.000000x_7$
x_{17}	5.0	$-2.000000x_1$	$+2.000000x_2$		$-2.000000x_4$	$+1.000000x_5$	$+1.000000x_6$	$-3.000000x_7$
z	0.0	$+2.000000x_1$	$+1.000000x_2$	$-2.000000x_3$			$+1.000000x_6$	$+1.000000x_7$

x_1 enters and x_8 leaves

x_1	1.0	$-0.500000x_8$	$+0.500000x_2$	$+0.500000x_3$	$+1.000000x_4$	$+0.500000x_5$	$+0.500000x_6$	
x_9	9.0	$+1.500000x_8$	$-3.500000x_2$	$+1.500000x_3$	$-4.000000x_4$	$-4.500000x_5$	$-3.500000x_6$	$+1.000000x_7$
x_{10}	9.0	$-0.500000x_8$	$-0.500000x_2$	$-1.500000x_3$	$-1.000000x_4$	$-2.500000x_5$	$+1.500000x_6$	$-2.000000x_7$
x_{11}	2.0	$+1.000000x_8$	$-1.000000x_2$	$+2.000000x_3$	$-1.000000x_4$	$+1.000000x_5$		$+2.000000x_7$
x_{12}	12.0	$+1.000000x_8$	$+1.000000x_2$	$+1.000000x_3$		$+2.000000x_5$	$-1.000000x_6$	$-2.000000x_7$
x_{13}	10.0	$-1.500000x_8$	$+4.500000x_2$	$+3.500000x_3$	$+5.000000x_4$	$+1.500000x_5$	$+2.500000x_6$	$-2.000000x_7$
x_{14}	12.0	$-1.000000x_8$	$-1.000000x_2$	$+3.000000x_3$	$+1.000000x_4$		$+1.000000x_6$	$-3.000000x_7$
x_{15}	12.0	$+1.500000x_8$	$-0.500000x_2$	$-4.500000x_3$	$-6.000000x_4$	$+1.500000x_5$	$-0.500000x_6$	$+2.000000x_7$
x_{16}	13.0	$+1.000000x_8$		$+1.000000x_3$	$-3.000000x_4$	$+2.000000x_5$		$-2.000000x_7$
x_{17}	3.0	$+1.000000x_8$	$+1.000000x_2$	$-1.000000x_3$	$-4.000000x_4$			$-3.000000x_7$
z	2.0	$-1.000000x_8$	$+2.000000x_2$	$-1.000000x_3$	$+2.000000x_4$	$+1.000000x_5$	$+2.000000x_6$	$+1.000000x_7$

x_2 enters and x_{11} leaves

x_1	2.0		$-0.500000x_{11}$	$+1.500000x_3$	$+0.500000x_4$	$+1.000000x_5$	$+0.500000x_6$	$+1.000000x_7$
x_9	2.0	$-2.000000x_8$	$+3.500000x_{11}$	$-5.500000x_3$	$-0.500000x_4$	$-8.000000x_5$	$-3.500000x_6$	$-6.000000x_7$
x_{10}	8.0	$-1.000000x_8$	$+0.500000x_{11}$	$-2.500000x_3$	$-0.500000x_4$	$-3.000000x_5$	$+1.500000x_6$	$-3.000000x_7$
x_2	2.0	$+1.000000x_8$	$-1.000000x_{11}$	$+2.000000x_3$	$-1.000000x_4$	$+1.000000x_5$		$+2.000000x_7$
x_{12}	14.0	$+2.000000x_8$	$-1.000000x_{11}$	$+3.000000x_3$	$-1.000000x_4$	$+3.000000x_5$	$-1.000000x_6$	
x_{13}	19.0	$+3.000000x_8$	$-4.500000x_{11}$	$+12.500000x_3$	$+0.500000x_4$	$+6.000000x_5$	$+2.500000x_6$	$+7.000000x_7$
x_{14}	10.0	$-2.000000x_8$	$+1.000000x_{11}$	$+1.000000x_3$	$+2.000000x_4$	$-1.000000x_5$	$+1.000000x_6$	$-5.000000x_7$
x_{15}	11.0	$+1.000000x_8$	$+0.500000x_{11}$	$-5.500000x_3$	$-5.500000x_4$	$+1.000000x_5$	$-0.500000x_6$	$+1.000000x_7$
x_{16}	13.0	$+1.000000x_8$		$+1.000000x_3$	$-3.000000x_4$	$+2.000000x_5$		$-2.000000x_7$
x_{17}	5.0	$+2.000000x_8$	$-1.000000x_{11}$	$+1.000000x_3$	$-5.000000x_4$	$+1.000000x_5$		$-1.000000x_7$
z	6.0	$+1.000000x_8$	$-2.000000x_{11}$	$+3.000000x_3$		$+3.000000x_5$	$+2.000000x_6$	$+5.000000x_7$

x_3 enters and x_9 leaves

x_1	2.54545454545	$-0.545455x_8$	$+0.454545x_{11}$	$-0.272727x_9$	$+0.363636x_4$	$-1.181818x_5$	$-0.454545x_6$	$-0.636364x_7$
x_3	0.363636363636	$-0.363636x_8$	$+0.636364x_{11}$	$-0.181818x_9$	$-0.090909x_4$	$-1.454545x_5$	$-0.636364x_6$	$-1.090909x_7$
x_{10}	7.09090909091	$-0.090909x_8$	$-1.090909x_{11}$	$+0.454545x_9$	$-0.272727x_4$	$+0.636364x_5$	$+3.090909x_6$	$-0.272727x_7$
x_2	2.72727272727	$+0.272727x_8$	$+0.272727x_{11}$	$-0.363636x_9$	$-1.181818x_4$	$-1.909091x_5$	$-1.272727x_6$	$-0.181818x_7$
x_{12}	15.0909090909	$+0.909091x_8$	$+0.909091x_{11}$	$-0.545455x_9$	$-1.272727x_4$	$-1.363636x_5$	$-2.909091x_6$	$-3.272727x_7$
x_{13}	23.5454545455	$-1.545455x_8$	$+3.454545x_{11}$	$-2.272727x_9$	$-0.636364x_4$	$-12.181818x_5$	$-5.454545x_6$	$-6.636364x_7$
x_{14}	10.3636363636	$-2.363636x_8$	$+1.636364x_{11}$	$-0.181818x_9$	$+1.909091x_4$	$-2.454545x_5$	$+0.363636x_6$	$-6.090909x_7$
x_{15}	9.0	$+3.000000x_8$	$-3.000000x_{11}$	$+1.000000x_9$	$-5.000000x_4$	$+9.000000x_5$	$+3.000000x_6$	$+7.000000x_7$
x_{16}	13.3636363636	$+0.636364x_8$	$+0.636364x_{11}$	$-0.181818x_9$	$-3.090909x_4$	$+0.545455x_5$	$-0.636364x_6$	$-3.090909x_7$
x_{17}	5.36363636364	$+1.636364x_8$	$-0.363636x_{11}$	$-0.181818x_9$	$-5.090909x_4$	$-0.454545x_5$	$-0.636364x_6$	$-2.090909x_7$
z	7.09090909091	$-0.090909x_8$	$-0.090909x_{11}$	$-0.545455x_9$	$-0.272727x_4$	$-1.363636x_5$	$+0.090909x_6$	$+1.727273x_7$

x_6 enters and x_3 leaves

x_1	2.28571428571	$-0.285714x_8$		$-0.142857x_9$	$+0.428571x_4$	$-0.142857x_5$	$+0.714286x_3$	$+0.142857x_7$
x_6	0.571428571429	$-0.571429x_8$	$+1.000000x_{11}$	$-0.285714x_9$	$-0.142857x_4$	$-2.285714x_5$	$-1.571429x_3$	$-1.714286x_7$
x_{10}	8.85714285714	$-1.857143x_8$	$+2.000000x_{11}$	$-0.428571x_9$	$-0.714286x_4$	$-6.428571x_5$	$-4.857143x_3$	$-5.571429x_7$
x_2	2.0	$+1.000000x_8$	$-1.000000x_{11}$	$+0.000000x_9$	$-1.000000x_4$	$+1.000000x_5$	$+2.000000x_3$	$+2.000000x_7$
x_{12}	13.4285714286	$+2.571429x_8$	$-2.000000x_{11}$	$+0.285714x_9$	$-0.857143x_4$	$+5.285714x_5$	$+4.571429x_3$	$+1.714286x_7$
x_{13}	20.4285714286	$+1.571429x_8$	$-2.000000x_{11}$	$-0.714286x_9$	$+0.142857x_4$	$+0.285714x_5$	$+8.571429x_3$	$+2.714286x_7$
x_{14}	10.5714285714	$-2.571429x_8$	$+2.000000x_{11}$	$-0.285714x_9$	$+1.857143x_4$	$-3.285714x_5$	$-0.571429x_3$	$-6.714286x_7$
x_{15}	10.7142857143	$+1.285714x_8$		$+0.142857x_9$	$-5.428571x_4$	$+2.142857x_5$	$-4.714286x_3$	$+1.857143x_7$
x_{16}	13.0	$+1.000000x_8$		$+0.000000x_9$	$-3.000000x_4$	$+2.000000x_5$	$+1.000000x_3$	$-2.000000x_7$
x_{17}	5.0	$+2.000000x_8$	$-1.000000x_{11}$	$+0.000000x_9$	$-5.000000x_4$	$+1.000000x_5$	$+1.000000x_3$	$-1.000000x_7$
z	7.14285714286	$-0.142857x_8$		$-0.571429x_9$	$-0.285714x_4$	$-1.571429x_5$	$-0.142857x_3$	$+1.571429x_7$

x_7 enters and x_6 leaves

x_1	2.33333333333	$-0.333333x_8 +0.083333x_{11} -0.166667x_9 +0.416667x_4 -0.333333x_5 +0.583333x_3 -0.083333x_6$
x_7	0.333333333333	$-0.333333x_8 +0.583333x_{11} -0.166667x_9 -0.083333x_4 -1.333333x_5 -0.916667x_3 -0.583333x_6$
x_{10}	7.0	$+0.000000x_8 -1.250000x_{11} +0.500000x_9 -0.250000x_4 +1.000000x_5 +0.250000x_3 +3.250000x_6$
x_2	2.66666666667	$+0.333333x_8 +0.166667x_{11} -0.333333x_9 -1.166667x_4 -1.666667x_5 +0.166667x_3 -1.166667x_6$
x_{12}	14.0	$+2.000000x_8 -1.000000x_{11} +0.000000x_9 -1.000000x_4 +3.000000x_5 +3.000000x_3 -1.000000x_6$
x_{13}	21.3333333333	$+0.666667x_8 -0.416667x_{11} -1.166667x_9 -0.083333x_4 -3.333333x_5 +6.083333x_3 -1.583333x_6$
x_{14}	8.33333333333	$-0.333333x_8 -1.916667x_{11} +0.833333x_9 +2.416667x_4 +5.666667x_5 +5.583333x_3 +3.916667x_6$
x_{15}	11.3333333333	$+0.666667x_8 +1.083333x_{11} -0.166667x_9 -5.583333x_4 -0.333333x_5 -6.416667x_3 -1.083333x_6$
x_{16}	12.3333333333	$+1.666667x_8 -1.166667x_{11} +0.333333x_9 -2.833333x_4 +4.666667x_5 +2.833333x_3 +1.166667x_6$
x_{17}	4.66666666667	$+2.333333x_8 -1.583333x_{11} +0.166667x_9 -4.916667x_4 +2.333333x_5 +1.916667x_3 +0.583333x_6$
z	7.66666666667	$-0.666667x_8 +0.916667x_{11} -0.833333x_9 -0.416667x_4 -3.666667x_5 -1.583333x_3 -0.916667x_6$

x_{11} enters and x_{17} leaves

x_1	2.57894736842	$-0.210526x_8 -0.052632x_{17} -0.157895x_9 +0.157895x_4 -0.210526x_5 +0.684211x_3 -0.052632x_6$
x_7	2.05263157895	$+0.526316x_8 -0.368421x_{17} -0.105263x_9 -1.894737x_4 -0.473684x_5 -0.210526x_3 -0.368421x_6$
x_{10}	3.31578947368	$-1.842105x_8 +0.789474x_{17} +0.368421x_9 +3.631579x_4 -0.842105x_5 -1.263158x_3 +2.789474x_6$
x_2	3.15789473684	$+0.578947x_8 -0.105263x_{17} -0.315789x_9 -1.684211x_4 -1.421053x_5 +0.368421x_3 -1.105263x_6$
x_{12}	11.0526315789	$+0.526316x_8 +0.631579x_{17} -0.105263x_9 +2.105263x_4 +1.526316x_5 +1.789474x_3 -1.368421x_6$
x_{13}	20.1052631579	$+0.052632x_8 +0.263158x_{17} -1.210526x_9 +1.210526x_4 -3.947368x_5 +5.578947x_3 -1.736842x_6$
x_{14}	2.68421052632	$-3.157895x_8 +1.210526x_{17} +0.631579x_9 +8.368421x_4 +2.842105x_5 +3.263158x_3 +3.210526x_6$
x_{15}	14.5263157895	$+2.263158x_8 -0.684211x_{17} -0.052632x_9 -8.947368x_4 +1.263158x_5 -5.105263x_3 -0.684211x_6$
x_{16}	8.89473684211	$-0.052632x_8 +0.736842x_{17} +0.210526x_9 +0.789474x_4 +2.947368x_5 +1.421053x_3 +0.736842x_6$
x_{11}	2.94736842105	$+1.473684x_8 -0.631579x_{17} +0.105263x_9 -3.105263x_4 +1.473684x_5 +1.210526x_3 +0.368421x_6$
z	10.3684210526	$+0.684211x_8 -0.578947x_{17} -0.736842x_9 -3.263158x_4 -2.315789x_5 -0.473684x_3 -0.578947x_6$

x_8 enters and x_{14} leaves

x_1	2.4	$+0.066667x_{14} -0.133333x_{17} -0.200000x_9 -0.400000x_4 -0.400000x_5 +0.466667x_3 -0.266667x_6$
x_7	2.5	$-0.166667x_{14} -0.166667x_{17} -0.000000x_9 -0.500000x_4 -0.000000x_5 +0.333333x_3 +0.166667x_6$
x_{10}	1.75	$+0.583333x_{14} +0.083333x_{17} +0.000000x_9 -1.250000x_4 -2.500000x_5 -3.166667x_3 +0.916667x_6$
x_2	3.65	$-0.183333x_{14} +0.116667x_{17} -0.200000x_9 -0.150000x_4 -0.900000x_5 +0.966667x_3 -0.516667x_6$
x_{12}	11.5	$-0.166667x_{14} +0.833333x_{17} +0.000000x_9 +3.500000x_4 +2.000000x_5 +2.333333x_3 -0.833333x_6$
x_{13}	20.15	$-0.016667x_{14} +0.283333x_{17} -1.200000x_9 +1.350000x_4 -3.900000x_5 +5.633333x_3 -1.683333x_6$
x_8	0.85	$-0.316667x_{14} +0.383333x_{17} +0.200000x_9 +2.650000x_4 +0.900000x_5 +1.033333x_3 +1.016667x_6$
x_{15}	16.45	$-0.716667x_{14} +0.183333x_{17} +0.400000x_9 -2.950000x_4 +3.300000x_5 -2.766667x_3 +1.616667x_6$
x_{16}	8.85	$+0.016667x_{14} +0.716667x_{17} +0.200000x_9 +0.650000x_4 +2.900000x_5 +1.366667x_3 +0.683333x_6$
x_{11}	4.2	$-0.466667x_{14} -0.066667x_{17} +0.400000x_9 +0.800000x_4 +2.800000x_5 +2.733333x_3 +1.866667x_6$
z	10.95	$-0.216667x_{14} -0.316667x_{17} -0.600000x_9 -1.450000x_4 -1.700000x_5 +0.233333x_3 +0.116667x_6$

x_3 enters and x_{10} leaves

x_1	2.65789473684	$+0.152632x_{14} -0.121053x_{17} -0.200000x_9 -0.584211x_4 -0.768421x_5 -0.147368x_{10} -0.131579x_6$
x_7	2.68421052632	$-0.105263x_{14} -0.157895x_{17} -0.000000x_9 -0.631579x_4 -0.263158x_5 -0.105263x_{10} +0.263158x_6$
x_3	0.552631578947	$+0.184211x_{14} +0.026316x_{17} +0.000000x_9 -0.394737x_4 -0.789474x_5 -0.315789x_{10} +0.289474x_6$
x_2	4.18421052632	$-0.005263x_{14} +0.142105x_{17} -0.200000x_9 -0.531579x_4 -1.663158x_5 -0.305263x_{10} -0.236842x_6$
x_{12}	12.7894736842	$+0.263158x_{14} +0.894737x_{17} +0.000000x_9 +2.578947x_4 +0.157895x_5 -0.736842x_{10} -0.157895x_6$
x_{13}	23.2631578947	$+1.021053x_{14} +0.431579x_{17} -1.200000x_9 -0.873684x_4 -8.347368x_5 -1.778947x_{10} -0.052632x_6$
x_8	1.42105263158	$-0.126316x_{14} +0.410526x_{17} +0.200000x_9 +2.242105x_4 +0.084211x_5 -0.326316x_{10} +1.315789x_6$
x_{15}	14.9210526316	$-1.226316x_{14} +0.110526x_{17} +0.400000x_9 -1.857895x_4 +5.484211x_5 +0.873684x_{10} +0.815789x_6$
x_{16}	9.60526315789	$+0.268421x_{14} +0.752632x_{17} +0.200000x_9 +0.110526x_4 +1.821053x_5 -0.431579x_{10} +1.078947x_6$
x_{11}	5.71052631579	$+0.036842x_{14} +0.005263x_{17} +0.400000x_9 -0.278947x_4 +0.642105x_5 -0.863158x_{10} +2.657895x_6$
z	11.0789473684	$-0.173684x_{14} -0.310526x_{17} -0.600000x_9 -1.542105x_4 -1.884211x_5 -0.073684x_{10} +0.184211x_6$

x_6 enters and x_2 leaves

x_1	0.333333333333	$+0.155556x_{14} -0.200000x_{17} -0.088889x_9 -0.288889x_4 +0.155556x_5 +0.022222x_{10} +0.555556x_2$
x_7	7.33333333333	$-0.111111x_{14} -0.000000x_{17} -0.222222x_9 -1.222222x_4 -2.111111x_5 -0.444444x_{10} -1.111111x_2$
x_3	5.66666666667	$+0.177778x_{14} +0.200000x_{17} -0.244444x_9 -1.044444x_4 -2.822222x_5 -0.688889x_{10} -1.222222x_2$
x_6	17.6666666667	$-0.022222x_{14} +0.600000x_{17} -0.844444x_9 -2.244444x_4 -7.022222x_5 -1.288889x_{10} -4.222222x_2$
x_{12}	10.0	$+0.266667x_{14} +0.800000x_{17} +0.133333x_9 +2.933333x_4 +1.266667x_5 -0.533333x_{10} +0.666667x_2$
x_{13}	22.3333333333	$+1.022222x_{14} +0.400000x_{17} -1.155556x_9 -0.755556x_4 -7.977778x_5 -1.711111x_{10} +0.222222x_2$
x_8	24.6666666667	$-0.155556x_{14} +1.200000x_{17} -0.911111x_9 -0.711111x_4 -9.155556x_5 -2.022222x_{10} -5.555556x_2$
x_{15}	29.3333333333	$-1.244444x_{14} +0.600000x_{17} -0.288889x_9 -3.688889x_4 -0.244444x_5 -0.177778x_{10} -3.444444x_2$
x_{16}	28.6666666667	$+0.244444x_{14} +1.400000x_{17} -0.711111x_9 -2.311111x_4 -5.755556x_5 -1.822222x_{10} -4.555556x_2$
x_{11}	52.6666666667	$-0.022222x_{14} +1.600000x_{17} -1.844444x_9 -6.244444x_4 -18.022222x_5 -4.288889x_{10} -11.222222x_2$
z	14.3333333333	$-0.177778x_{14} -0.200000x_{17} -0.755556x_9 -1.955556x_4 -3.177778x_5 -0.311111x_{10} -0.777778x_2$

x_{-1} enters and Final Dictionary Solution: 14.3333333333 Num Pivots: 9