x_8	3.0	$+2.000000x_1$	$+3.000000x_2$	$-1.000000x_3$		$+2.000000x_5$	$+1.000000x_6$ $+2.000000x_7$
x_9	13.0	$-3.000000x_1$	$+2.000000x_2$	$-1.000000x_3$	$+3.000000x_4$	$+1.000000x_5$	$+1.000000x_6$ $+1.000000x_7$
x_{10}	14.0	$-2.000000x_1$		$+3.000000x_3$	$+3.000000x_4$	$-2.000000x_5$	$+2.000000x_6$ $+1.000000x_7$
x_{11}	4.0	$+1.000000x_1$	$+1.000000x_2$	$-1.000000x_3$	$-3.000000x_4$		$-2.000000x_7$
x_{12}	9.0	$+3.000000x_1$	$-2.000000x_2$	$+2.000000x_3$	$-3.000000x_4$	$-2.000000x_5$	$-3.000000x_6$ $-2.000000x_7$
x_{13}	4.0	$-2.000000x_1$	$-2.000000x_2$	$-1.000000x_3$	$+3.000000x_4$	$-2.000000x_5$	$-2.000000x_6$ $-1.000000x_7$
x_{14}	2.0	$-3.000000x_1$	$+1.000000x_2$	$-1.000000x_3$	$-2.000000x_4$	$+1.000000x_5$	$-2.000000x_6$ $-2.000000x_7$
x_{15}	1.0		$-1.000000x_2$	$+2.000000x_3$	$+1.000000x_4$	$-1.000000x_5$	$+2.000000x_6$
x_{16}	1.0	$-2.000000x_1$		$+3.000000x_3$	$+2.000000x_4$		$-3.000000x_6$ $+2.000000x_7$
x_{17}	2.0	$-1.000000x_1$	$-2.000000x_2$	$-1.000000x_3$		$-1.000000x_5$	$+3.000000x_7$
z	0.0	$+1.000000x_1$	$+2.000000x_2$		$-2.000000x_4$	$-1.000000x_5$	$-2.000000x_7$

No initialization required –¿ Proceed to Optimize.

x_8	3.0	$+2.000000x_1$	$+3.000000x_2$	$-1.000000x_3$		$+2.000000x_5$	$+1.000000x_6$ $+2.000000x_7$
x_9	13.0	$-3.000000x_1$	$+2.000000x_2$	$-1.000000x_3$	$+3.000000x_4$	$+1.000000x_5$	$+1.000000x_6$ $+1.000000x_7$
x_{10}	14.0	$-2.000000x_1$		$+3.000000x_3$	$+3.000000x_4$	$-2.000000x_5$	$+2.000000x_6$ $+1.000000x_7$
x_{11}	4.0	$+1.000000x_1$	$+1.000000x_2$	$-1.000000x_3$	$-3.000000x_4$		$-2.000000x_7$
x_{12}	9.0	$+3.000000x_1$	$-2.000000x_2$	$+2.000000x_3$	$-3.000000x_4$	$-2.000000x_5$	$-3.000000x_6$ $-2.000000x_7$
x_{13}	4.0	$-2.000000x_1$	$-2.000000x_2$	$-1.000000x_3$	$+3.000000x_4$	$-2.000000x_5$	$-2.000000x_6$ $-1.000000x_7$
x_{14}	2.0	$-3.000000x_1$	$+1.000000x_2$	$-1.000000x_3$	$-2.000000x_4$	$+1.000000x_5$	$-2.000000x_6$ $-2.000000x_7$
x_{15}	1.0		$-1.000000x_2$	$+2.000000x_3$	$+1.000000x_4$	$-1.000000x_5$	$+2.000000x_6$
x_{16}	1.0	$-2.000000x_1$		$+3.000000x_3$	$+2.000000x_4$		$-3.000000x_6$ $+2.000000x_7$
x_{17}	2.0	$-1.000000x_1$	$-2.000000x_2$	$-1.000000x_3$		$-1.000000x_5$	$+3.000000x_7$
z	0.0	$+1.000000x_1$	$+2.000000x_2$		$-2.000000x_4$	$-1.000000x_5$	$-2.000000x_7$

x_1 enters and x_{16} leaves

x_8	4.0	$-1.000000x_{16}$	$+3.000000x_2$	$+2.000000x_3$	$+2.000000x_4$	$+2.000000x_5$	$-2.000000x_6$ $+4.000000x_7$
x_9	11.5	$+1.500000x_{16}$	$+2.000000x_2$	$-5.500000x_3$		$+1.000000x_5$	$+5.500000x_6$ $-2.000000x_7$
x_{10}	13.0	$+1.000000x_{16}$			$+1.000000x_4$	$-2.000000x_5$	$+5.000000x_6$ $-1.000000x_7$
x_{11}	4.5	$-0.500000x_{16}$	$+1.000000x_2$	$+0.500000x_3$	$-2.000000x_4$		$-1.500000x_6$ $-1.000000x_7$
x_{12}	10.5	$-1.500000x_{16}$	$-2.000000x_2$	$+6.500000x_3$		$-2.000000x_5$	$-7.500000x_6$ $+1.000000x_7$
x_{13}	3.0	$+1.000000x_{16}$	$-2.000000x_2$	$-4.000000x_3$	$+1.000000x_4$	$-2.000000x_5$	$+1.000000x_6$ $-3.000000x_7$
x_{14}	0.5	$+1.500000x_{16}$	$+1.000000x_2$	$-5.500000x_3$	$-5.000000x_4$	$+1.000000x_5$	$+2.500000x_6$ $-5.000000x_7$
x_{15}	1.0		$-1.000000x_2$	$+2.000000x_3$	$+1.000000x_4$	$-1.000000x_5$	$+2.000000x_6$
x_1	0.5	$-0.500000x_{16}$		$+1.500000x_3$	$+1.000000x_4$		$-1.500000x_6$ $+1.000000x_7$
x_{17}	1.5	$+0.500000x_{16}$	$-2.000000x_2$	$-2.500000x_3$	$-1.000000x_4$	$-1.000000x_5$	$+1.500000x_6$ $+2.000000x_7$
z	0.5	$-0.500000x_{16}$	$+2.000000x_2$	$+1.500000x_3$	$-1.000000x_4$	$-1.000000x_5$	$-1.500000x_6$ $-1.000000x_7$

x_2 enters and x_{17} leaves

x_8	6.25	$-0.250000x_{16}$	$-1.500000x_{17}$	$-1.750000x_3$	$+0.500000x_4$	$+0.500000x_5$	$+0.250000x_6$	$+7.000000x_7$
x_9	13.0	$+2.000000x_{16}$	$-1.000000x_{17}$	$-8.000000x_3$	$-1.000000x_4$		$+7.000000x_6$	
x_{10}	13.0	$+1.000000x_{16}$			$+1.000000x_4$	$-2.000000x_5$	$+5.000000x_6$	$-1.000000x_7$
x_{11}	5.25	$-0.250000x_{16}$	$-0.500000x_{17}$	$-0.750000x_3$	$-2.500000x_4$	$-0.500000x_5$	$-0.750000x_6$	
x_{12}	9.0	$-2.000000x_{16}$	$+1.000000x_{17}$	$+9.000000x_3$	$+1.000000x_4$	$-1.000000x_5$	$-9.000000x_6$	$-1.000000x_7$
x_{13}	1.5	$+0.500000x_{16}$	$+1.000000x_{17}$	$-1.500000x_3$	$+2.000000x_4$	$-1.000000x_5$	$-0.500000x_6$	$-5.000000x_7$
x_{14}	1.25	$+1.750000x_{16}$	$-0.500000x_{17}$	$-6.750000x_3$	$-5.500000x_4$	$+0.500000x_5$	$+3.250000x_6$	$-4.000000x_7$
x_{15}	0.25	$-0.250000x_{16}$	$+0.500000x_{17}$	$+3.250000x_3$	$+1.500000x_4$	$-0.500000x_5$	$+1.250000x_6$	$-1.000000x_7$
x_1	0.5	$-0.500000x_{16}$		$+1.500000x_3$	$+1.000000x_4$		$-1.500000x_6$	$+1.000000x_7$
x_2	0.75	$+0.250000x_{16}$	$-0.500000x_{17}$	$-1.250000x_3$	$-0.500000x_4$	$-0.500000x_5$	$+0.750000x_6$	$+1.000000x_7$
z	2.0		$-1.000000x_{17}$	$-1.000000x_3$	$-2.000000x_4$	$-2.000000x_5$		$+1.000000x_7$

x_7 enters and x_{15} leaves

x_8	8.0	$-2.000000x_{16}$	$+2.000000x_{17}$	$+21.000000x_3$	$+11.000000x_4$	$-3.000000x_5$	$+9.000000x_6$	$-7.000000x_{15}$
x_9	13.0	$+2.000000x_{16}$	$-1.000000x_{17}$	$-8.000000x_3$	$-1.000000x_4$		$+7.000000x_6$	
x_{10}	12.75	$+1.250000x_{16}$	$-0.500000x_{17}$	$-3.250000x_3$	$-0.500000x_4$	$-1.500000x_5$	$+3.750000x_6$	$+1.000000x_{15}$
x_{11}	5.25	$-0.250000x_{16}$	$-0.500000x_{17}$	$-0.750000x_3$	$-2.500000x_4$	$-0.500000x_5$	$-0.750000x_6$	
x_{12}	8.75	$-1.750000x_{16}$	$+0.500000x_{17}$	$+5.750000x_3$	$-0.500000x_4$	$-0.500000x_5$	$-10.250000x_6$	$+1.000000x_{15}$
x_{13}	0.25	$+1.750000x_{16}$	$-1.500000x_{17}$	$-17.750000x_3$	$-5.500000x_4$	$+1.500000x_5$	$-6.750000x_6$	$+5.000000x_{15}$
x_{14}	0.25	$+2.750000x_{16}$	$-2.500000x_{17}$	$-19.750000x_3$	$-11.500000x_4$	$+2.500000x_5$	$-1.750000x_6$	$+4.000000x_{15}$
x_7	0.25	$-0.250000x_{16}$	$+0.500000x_{17}$	$+3.250000x_3$	$+1.500000x_4$	$-0.500000x_5$	$+1.250000x_6$	$-1.000000x_{15}$
x_1	0.75	$-0.750000x_{16}$	$+0.500000x_{17}$	$+4.750000x_3$	$+2.500000x_4$	$-0.500000x_5$	$-0.250000x_6$	$-1.000000x_{15}$
x_2	1.0			$+2.000000x_3$	$+1.000000x_4$	$-1.000000x_5$	$+2.000000x_6$	$-1.000000x_{15}$
z	2.25	$-0.250000x_{16}$	$-0.500000x_{17}$	$+2.250000x_3$	$-0.500000x_4$	$-2.500000x_5$	$+1.250000x_6$	$-1.000000x_{15}$

x_3 enters and x_{14} leaves

x_8	8.26582278481	$+0.924051x_{16}$	$-0.658228x_{17}$	$-1.063291x_{14}$	$-1.227848x_4$	$-0.341772x_5$	$+7.139241x_6$	$-2.746835x_{15}$
x_9	12.8987341772	$+0.886076x_{16}$	$+0.012658x_{17}$	$+0.405063x_{14}$	$+3.658228x_4$	$-1.012658x_5$	$+7.708861x_6$	$-1.620253x_{15}$
x_{10}	12.7088607595	$+0.797468x_{16}$	$-0.088608x_{17}$	$+0.164557x_{14}$	$+1.392405x_4$	$-1.911392x_5$	$+4.037975x_6$	$+0.341772x_{15}$
x_{11}	5.24050632911	$-0.354430x_{16}$	$-0.405063x_{17}$	$+0.037975x_{14}$	$-2.063291x_4$	$-0.594937x_5$	$-0.683544x_6$	$-0.151899x_{15}$
x_{12}	8.82278481013	$-0.949367x_{16}$	$-0.227848x_{17}$	$-0.291139x_{14}$	$-3.848101x_4$	$+0.227848x_5$	$-10.759494x_6$	$+2.164557x_{15}$
x_{13}	0.0253164556962	$-0.721519x_{16}$	$+0.746835x_{17}$	$+0.898734x_{14}$	$+4.835443x_4$	$-0.746835x_5$	$-5.177215x_6$	$+1.405063x_{15}$
x_3	0.0126582278481	$+0.139241x_{16}$	$-0.126582x_{17}$	$-0.050633x_{14}$	$-0.582278x_4$	$+0.126582x_5$	$-0.088608x_6$	$+0.202532x_{15}$
x_7	0.291139240506	$+0.202532x_{16}$	$+0.088608x_{17}$	$-0.164557x_{14}$	$-0.392405x_4$	$-0.088608x_5$	$+0.962025x_6$	$-0.341772x_{15}$
x_1	0.810126582278	$-0.088608x_{16}$	$-0.101266x_{17}$	$-0.240506x_{14}$	$-0.265823x_4$	$+0.101266x_5$	$-0.670886x_6$	$-0.037975x_{15}$
x_2	1.0253164557	$+0.278481x_{16}$	$-0.253165x_{17}$	$-0.101266x_{14}$	$-0.164557x_4$	$-0.746835x_5$	$+1.822785x_6$	$-0.594937x_{15}$
z	2.27848101266	$+0.063291x_{16}$	$-0.784810x_{17}$	$-0.113924x_{14}$	$-1.810127x_4$	$-2.215190x_5$	$+1.050633x_6$	$-0.544304x_{15}$

x_6 enters and x_{13} leaves

x_8	8.30073349633	$-0.070905x_{16} +0.371638x_{17} +0.176039x_{14} +5.440098x_4 -1.371638x_5 -1.378973x_{13} -0.809291x_{15}$
x_9	12.9364303178	$-0.188264x_{16} +1.124694x_{17} +1.743276x_{14} +10.858191x_4 -2.124694x_5 -1.488998x_{13} +0.471883x_{15}$
x_{10}	12.728606357	$+0.234719x_{16} +0.493888x_{17} +0.865526x_{14} +5.163814x_4 -2.493888x_5 -0.779951x_{13} +1.437653x_{15}$
x_{11}	5.23716381418	$-0.259169x_{16} -0.503667x_{17} -0.080685x_{14} -2.701711x_4 -0.496333x_5 +0.132029x_{13} -0.337408x_{15}$
x_{12}	8.77017114914	$+0.550122x_{16} -1.779951x_{17} -2.158924x_{14} -13.897311x_4 +1.779951x_5 +2.078240x_{13} -0.755501x_{15}$
x_6	0.00488997555012	$-0.139364x_{16} +0.144254x_{17} +0.173594x_{14} +0.933985x_4 -0.144254x_5 -0.193154x_{13} +0.271394x_{15}$
x_3	0.0122249388753	$+0.151589x_{16} -0.139364x_{17} -0.066015x_{14} -0.665037x_4 +0.139364x_5 +0.017115x_{13} +0.178484x_{15}$
x_7	0.295843520782	$+0.068460x_{16} +0.227384x_{17} +0.002445x_{14} +0.506112x_4 -0.227384x_5 -0.185819x_{13} -0.080685x_{15}$
x_1	0.80684596577	$+0.004890x_{16} -0.198044x_{17} -0.356968x_{14} -0.892421x_4 +0.198044x_5 +0.129584x_{13} -0.220049x_{15}$
x_2	1.03422982885	$+0.024450x_{16} +0.009780x_{17} +0.215159x_{14} +1.537897x_4 -1.009780x_5 -0.352078x_{13} -0.100244x_{15}$
z	2.28361858191	$-0.083130x_{16} -0.633252x_{17} +0.068460x_{14} -0.828851x_4 -2.366748x_5 -0.202934x_{13} -0.259169x_{15}$

x_{14} enters and x_3 leaves

x_8	8.33333333333	$+0.333333x_{16} -0.000000x_{17} -2.666667x_3 +3.666667x_4 -1.000000x_5 -1.333333x_{13} -0.333333x_{15}$
x_9	13.2592592593	$+3.814815x_{16} -2.555556x_{17} -26.407407x_3 -6.703704x_4 +1.555556x_5 -1.037037x_{13} +5.185185x_{15}$
x_{10}	12.8888888889	$+2.222222x_{16} -1.333333x_{17} -13.111111x_3 -3.555556x_4 -0.666667x_5 -0.555556x_{13} +3.777778x_{15}$
x_{11}	5.22222222222	$-0.444444x_{16} -0.333333x_{17} +1.222222x_3 -1.888889x_4 -0.666667x_5 +0.111111x_{13} -0.555556x_{15}$
x_{12}	8.37037037037	$-4.407407x_{16} +2.777778x_{17} +32.703704x_3 +7.851852x_4 -2.777778x_5 +1.518519x_{13} -6.592593x_{15}$
x_6	0.037037037037	$+0.259259x_{16} -0.222222x_{17} -2.629630x_3 -0.814815x_4 +0.222222x_5 -0.148148x_{13} +0.740741x_{15}$
x_{14}	0.185185185185	$+2.296296x_{16} -2.111111x_{17} -15.148148x_3 -10.074074x_4 +2.111111x_5 +0.259259x_{13} +2.703704x_{15}$
x_7	0.296296296296	$+0.074074x_{16} +0.222222x_{17} -0.037037x_3 +0.481481x_4 -0.222222x_5 -0.185185x_{13} -0.074074x_{15}$
x_1	0.740740740741	$-0.814815x_{16} +0.555556x_{17} +5.407407x_3 +2.703704x_4 -0.555556x_5 +0.037037x_{13} -1.185185x_{15}$
x_2	1.07407407407	$+0.518519x_{16} -0.444444x_{17} -3.259259x_3 -0.629630x_4 -0.555556x_5 -0.296296x_{13} +0.481481x_{15}$
z	2.2962962963	$+0.074074x_{16} -0.777778x_{17} -1.037037x_3 -1.518519x_4 -2.222222x_5 -0.185185x_{13} -0.074074x_{15}$

x_{16} enters and x_1 leaves

x_8	8.63636363636	$-0.409091x_1 +0.227273x_{17} -0.454545x_3 +4.772727x_4 -1.227273x_5 -1.318182x_{13} -0.818182x_{15}$
x_9	16.7272727273	$-4.681818x_1 +0.045455x_{17} -1.090909x_3 +5.954545x_4 -1.045455x_5 -0.863636x_{13} -0.363636x_{15}$
x_{10}	14.9090909091	$-2.727273x_1 +0.181818x_{17} +1.636364x_3 +3.818182x_4 -2.181818x_5 -0.454545x_{13} +0.545455x_{15}$
x_{11}	4.81818181818	$+0.545455x_1 -0.636364x_{17} -1.727273x_3 -3.363636x_4 -0.363636x_5 +0.090909x_{13} +0.090909x_{15}$
x_{12}	4.36363636364	$+5.409091x_1 -0.227273x_{17} +3.454545x_3 -6.772727x_4 +0.227273x_5 +1.318182x_{13} -0.181818x_{15}$
x_6	0.272727272727	$-0.318182x_1 -0.045455x_{17} -0.909091x_3 +0.045455x_4 +0.045455x_5 -0.136364x_{13} +0.363636x_{15}$
x_{14}	2.27272727273	$-2.818182x_1 -0.545455x_{17} +0.090909x_3 -2.454545x_4 +0.545455x_5 +0.363636x_{13} -0.636364x_{15}$
x_7	0.363636363636	$-0.090909x_1 +0.272727x_{17} +0.454545x_3 +0.727273x_4 -0.272727x_5 -0.181818x_{13} -0.181818x_{15}$
x_{16}	0.909090909091	$-1.227273x_1 +0.681818x_{17} +6.636364x_3 +3.318182x_4 -0.681818x_5 +0.045455x_{13} -1.454545x_{15}$
x_2	1.54545454545	$-0.636364x_1 -0.090909x_{17} +0.181818x_3 +1.090909x_4 -0.909091x_5 -0.272727x_{13} -0.272727x_{15}$
z	2.36363636364	$-0.090909x_1 -0.727273x_{17} -0.545455x_3 -1.272727x_4 -2.272727x_5 -0.181818x_{13} -0.181818x_{15}$

x_{-1} enters and Final Dictionary Solution: 2.36363636364 Num Pivots: 7