x_8	10.0	$-2.000000x_1$	$-3.000000x_2$	$+2.000000x_3$	$-2.000000x_4$	$+2.000000x_5$	$+3.000000x_6$	$+2.000000x_7$
x_9	2.0		$-3.000000x_2$	$-2.000000x_3$	$-3.000000x_4$	$-3.000000x_5$	$+3.000000x_6$	$+2.000000x_7$
x_{10}	5.0	$-1.000000x_1$	$-2.000000x_2$	$+3.000000x_3$	$-1.000000x_4$	$+3.000000x_5$	$+2.000000x_6$	$+1.000000x_7$
x_{11}	10.0	$-1.000000x_1$	$+2.000000x_2$	$+1.000000x_3$	$+1.000000x_4$	$-3.000000x_5$	$+2.000000x_6$	$+1.000000x_7$
x_{12}	3.0	$-1.000000x_1$	$+1.000000x_2$	$-2.000000x_3$	$-2.000000x_4$	$-3.000000x_5$	$+2.000000x_6$	$+1.000000x_7$
x_{13}	13.0	$-3.000000x_1$	$-2.000000x_2$		$-3.000000x_4$	$-3.000000x_5$		$+1.000000x_7$
x_{14}	15.0	$+2.000000x_1$	$-2.000000x_2$	$+1.000000x_3$	$+3.000000x_4$	$-1.000000x_5$	$+2.000000x_6$	$-1.000000x_7$
x_{15}	9.0	$+2.000000x_1$		$+2.000000x_3$	$-3.000000x_4$	$+3.000000x_5$	$-2.000000x_6$	$-3.000000x_7$
x_{16}	11.0			$+3.000000x_3$	$+2.000000x_4$	$-1.000000x_5$	$+2.000000x_6$	$+2.000000x_7$
x_{17}	4.0	$+2.000000x_1$	$+3.000000x_2$	$-1.000000x_3$	$-1.000000x_4$	$-2.000000x_5$	$-2.000000x_6$	$+1.000000x_7$
z	0.0	$-2.000000x_1$	$+2.000000x_2$	$+2.000000x_3$		$+1.000000x_5$	$+1.000000x_6$	$+1.000000x_7$

No initialization required –¿ Proceed to Optimize.

x_8	10.0	$-2.000000x_1$	$-3.000000x_2$	$+2.000000x_3$	$-2.000000x_4$	$+2.000000x_5$	$+3.000000x_6$	$+2.000000x_7$
x_9	2.0		$-3.000000x_2$	$-2.000000x_3$	$-3.000000x_4$	$-3.000000x_5$	$+3.000000x_6$	$+2.000000x_7$
x_{10}	5.0	$-1.000000x_1$	$-2.000000x_2$	$+3.000000x_3$	$-1.000000x_4$	$+3.000000x_5$	$+2.000000x_6$	$+1.000000x_7$
x_{11}	10.0	$-1.000000x_1$	$+2.000000x_2$	$+1.000000x_3$	$+1.000000x_4$	$-3.000000x_5$	$+2.000000x_6$	$+1.000000x_7$
x_{12}	3.0	$-1.000000x_1$	$+1.000000x_2$	$-2.000000x_3$	$-2.000000x_4$	$-3.000000x_5$	$+2.000000x_6$	$+1.000000x_7$
x_{13}	13.0	$-3.000000x_1$	$-2.000000x_2$		$-3.000000x_4$	$-3.000000x_5$		$+1.000000x_7$
x_{14}	15.0	$+2.000000x_1$	$-2.000000x_2$	$+1.000000x_3$	$+3.000000x_4$	$-1.000000x_5$	$+2.000000x_6$	$-1.000000x_7$
x_{15}	9.0	$+2.000000x_1$		$+2.000000x_3$	$-3.000000x_4$	$+3.000000x_5$	$-2.000000x_6$	$-3.000000x_7$
x_{16}	11.0			$+3.000000x_3$	$+2.000000x_4$	$-1.000000x_5$	$+2.000000x_6$	$+2.000000x_7$
x_{17}	4.0	$+2.000000x_1$	$+3.000000x_2$	$-1.000000x_3$	$-1.000000x_4$	$-2.000000x_5$	$-2.000000x_6$	$+1.000000x_7$
z	0.0	$-2.000000x_1$	$+2.000000x_2$	$+2.000000x_3$		$+1.000000x_5$	$+1.000000x_6$	$+1.000000x_7$

x_2 enters and x_9 leaves

x_8	8.0	$-2.000000x_1$	$+1.000000x_9$	$+4.000000x_3$	$+1.000000x_4$	$+5.000000x_5$		
x_2	0.666666666667		$-0.333333x_9$	$-0.666667x_3$	$-1.000000x_4$	$-1.000000x_5$	$+1.000000x_6$	$+0.666667x_7$
x_{10}	3.66666666667	$-1.000000x_1$	$+0.666667x_9$	$+4.333333x_3$	$+1.000000x_4$	$+5.000000x_5$		$-0.333333x_7$
x_{11}	11.3333333333	$-1.000000x_1$	$-0.666667x_9$	$-0.333333x_3$	$-1.000000x_4$	$-5.000000x_5$	$+4.000000x_6$	$+2.333333x_7$
x_{12}	3.66666666667	$-1.000000x_1$	$-0.333333x_9$	$-2.666667x_3$	$-3.000000x_4$	$-4.000000x_5$	$+3.000000x_6$	$+1.666667x_7$
x_{13}	11.6666666667	$-3.000000x_1$	$+0.666667x_9$	$+1.333333x_3$	$-1.000000x_4$	$-1.000000x_5$	$-2.000000x_6$	$-0.333333x_7$
x_{14}	13.6666666667	$+2.000000x_1$	$+0.666667x_9$	$+2.333333x_3$	$+5.000000x_4$	$+1.000000x_5$		$-2.333333x_7$
x_{15}	9.0	$+2.000000x_1$		$+2.000000x_3$	$-3.000000x_4$	$+3.000000x_5$	$-2.000000x_6$	$-3.000000x_7$
x_{16}	11.0			$+3.000000x_3$	$+2.000000x_4$	$-1.000000x_5$	$+2.000000x_6$	$+2.000000x_7$
x_{17}	6.0	$+2.000000x_1$	$-1.000000x_9$	$-3.000000x_3$	$-4.000000x_4$	$-5.000000x_5$	$+1.000000x_6$	$+3.000000x_7$
z	1.33333333333	$-2.000000x_1$	$-0.666667x_9$	$+0.666667x_3$	$-2.000000x_4$	$-1.000000x_5$	$+3.000000x_6$	$+2.333333x_7$

x_3 enters and x_2 leaves

x_8	12.0	$-2.000000x_1$	$-1.000000x_9$	$-6.000000x_2$	$-5.000000x_4$	$-1.000000x_5$	$+6.000000x_6$	$+4.000000x_7$
x_3	1.0		$-0.500000x_9$	$-1.500000x_2$	$-1.500000x_4$	$-1.500000x_5$	$+1.500000x_6$	$+1.000000x_7$
x_{10}	8.0	$-1.000000x_1$	$-1.500000x_9$	$-6.500000x_2$	$-5.500000x_4$	$-1.500000x_5$	$+6.500000x_6$	$+4.000000x_7$
x_{11}	11.0	$-1.000000x_1$	$-0.500000x_9$	$+0.500000x_2$	$-0.500000x_4$	$-4.500000x_5$	$+3.500000x_6$	$+2.000000x_7$
x_{12}	1.0	$-1.000000x_1$	$+1.000000x_9$	$+4.000000x_2$	$+1.000000x_4$		$-1.000000x_6$	$-1.000000x_7$
x_{13}	13.0	$-3.000000x_1$		$-2.000000x_2$	$-3.000000x_4$	$-3.000000x_5$		$+1.000000x_7$
x_{14}	16.0	$+2.000000x_1$	$-0.500000x_9$	$-3.500000x_2$	$+1.500000x_4$	$-2.500000x_5$	$+3.500000x_6$	
x_{15}	11.0	$+2.000000x_1$	$-1.000000x_9$	$-3.000000x_2$	$-6.000000x_4$		$+1.000000x_6$	$-1.000000x_7$
x_{16}	14.0		$-1.500000x_9$	$-4.500000x_2$	$-2.500000x_4$	$-5.500000x_5$	$+6.500000x_6$	$+5.000000x_7$
x_{17}	3.0	$+2.000000x_1$	$+0.500000x_9$	$+4.500000x_2$	$+0.500000x_4$	$-0.500000x_5$	$-3.500000x_6$	
z	2.0	$-2.000000x_1$	$-1.000000x_9$	$-1.000000x_2$	$-3.000000x_4$	$-2.000000x_5$	$+4.000000x_6$	$+3.000000x_7$

x_6 enters and x_{17} leaves

x_8	17.1428571429	$+1.428571x_1$	$-0.142857x_9$	$+1.714286x_2$	$-4.142857x_4$	$-1.857143x_5$	$-1.714286x_{17}$	$+4.000000x_7$
x_3	2.28571428571	$+0.857143x_1$	$-0.285714x_9$	$+0.428571x_2$	$-1.285714x_4$	$-1.714286x_5$	$-0.428571x_{17}$	$+1.000000x_7$
x_{10}	13.5714285714	$+2.714286x_1$	$-0.571429x_9$	$+1.857143x_2$	$-4.571429x_4$	$-2.428571x_5$	$-1.857143x_{17}$	$+4.000000x_7$
x_{11}	14.0	$+1.000000x_1$		$+5.000000x_2$	$-0.000000x_4$	$-5.000000x_5$	$-1.000000x_{17}$	$+2.000000x_7$
x_{12}	0.142857142857	$-1.571429x_1$	$+0.857143x_9$	$+2.714286x_2$	$+0.857143x_4$	$+0.142857x_5$	$+0.285714x_{17}$	$-1.000000x_7$
x_{13}	13.0	$-3.000000x_1$		$-2.000000x_2$	$-3.000000x_4$	$-3.000000x_5$		$+1.000000x_7$
x_{14}	19.0	$+4.000000x_1$		$+1.000000x_2$	$+2.000000x_4$	$-3.000000x_5$	$-1.000000x_{17}$	
x_{15}	11.8571428571	$+2.571429x_1$	$-0.857143x_9$	$-1.714286x_2$	$-5.857143x_4$	$-0.142857x_5$	$-0.285714x_{17}$	$-1.000000x_7$
x_{16}	19.5714285714	$+3.714286x_1$	$-0.571429x_9$	$+3.857143x_2$	$-1.571429x_4$	$-6.428571x_5$	$-1.857143x_{17}$	$+5.000000x_7$
x_6	0.857142857143	$+0.571429x_1$	$+0.142857x_9$	$+1.285714x_2$	$+0.142857x_4$	$-0.142857x_5$	$-0.285714x_{17}$	
z	5.42857142857	$+0.285714x_1$	$-0.428571x_9$	$+4.142857x_2$	$-2.428571x_4$	$-2.571429x_5$	$-1.142857x_{17}$	$+3.000000x_7$

x_1 enters and x_{12} leaves

x_8	17.2727272727	$-0.909091x_{12}$	$+0.636364x_9$	$+4.181818x_2$	$-3.363636x_4$	$-1.727273x_5$	$-1.454545x_{17}$	$+3.090909x_7$
x_3	2.36363636364	$-0.545455x_{12}$	$+0.181818x_9$	$+1.909091x_2$	$-0.818182x_4$	$-1.636364x_5$	$-0.272727x_{17}$	$+0.454545x_7$
x_{10}	13.8181818182	$-1.727273x_{12}$	$+0.909091x_9$	$+6.545455x_2$	$-3.090909x_4$	$-2.181818x_5$	$-1.363636x_{17}$	$+2.272727x_7$
x_{11}	14.0909090909	$-0.636364x_{12}$	$+0.545455x_9$	$+6.727273x_2$	$+0.545455x_4$	$-4.909091x_5$	$-0.818182x_{17}$	$+1.363636x_7$
x_1	0.0909090909091	$-0.636364x_{12}$	$+0.545455x_9$	$+1.727273x_2$	$+0.545455x_4$	$+0.090909x_5$	$+0.181818x_{17}$	$-0.636364x_7$
x_{13}	12.7272727273	$+1.909091x_{12}$	$-1.636364x_9$	$-7.181818x_2$	$-4.636364x_4$	$-3.272727x_5$	$-0.545455x_{17}$	$+2.909091x_7$
x_{14}	19.3636363636	$-2.545455x_{12}$	$+2.181818x_9$	$+7.909091x_2$	$+4.181818x_4$	$-2.636364x_5$	$-0.272727x_{17}$	$-2.545455x_7$
x_{15}	12.0909090909	$-1.636364x_{12}$	$+0.545455x_9$	$+2.727273x_2$	$-4.454545x_4$	$+0.090909x_5$	$+0.181818x_{17}$	$-2.636364x_7$
x_{16}	19.9090909091	$-2.363636x_{12}$	$+1.454545x_9$	$+10.272727x_2$	$+0.454545x_4$	$-6.090909x_5$	$-1.181818x_{17}$	$+2.636364x_7$
x_6	0.909090909091	$-0.363636x_{12}$	$+0.454545x_9$	$+2.272727x_2$	$+0.454545x_4$	$-0.090909x_5$	$-0.181818x_{17}$	$-0.363636x_7$
z	5.45454545455	$-0.181818x_{12}$	$-0.272727x_9$	$+4.636364x_2$	$-2.272727x_4$	$-2.545455x_5$	$-1.090909x_{17}$	$+2.818182x_7$

x_2 enters and x_{13} leaves

x_8	24.6835443038	$+0.202532x_{12}$	$-0.316456x_9$	$-0.582278x_{13}$	$-6.063291x_4$	$-3.632911x_5$	$-1.772152x_{17}$	$+4.784810x_7$
x_3	5.74683544304	$-0.037975x_{12}$	$-0.253165x_9$	$-0.265823x_{13}$	$-2.050633x_4$	$-2.506329x_5$	$-0.417722x_{17}$	$+1.227848x_7$
x_{10}	25.417721519	$+0.012658x_{12}$	$-0.582278x_9$	$-0.911392x_{13}$	$-7.316456x_4$	$-5.164557x_5$	$-1.860759x_{17}$	$+4.924051x_7$
x_{11}	26.0126582278	$+1.151899x_{12}$	$-0.987342x_9$	$-0.936709x_{13}$	$-3.797468x_4$	$-7.974684x_5$	$-1.329114x_{17}$	$+4.088608x_7$
x_1	3.15189873418	$-0.177215x_{12}$	$+0.151899x_9$	$-0.240506x_{13}$	$-0.569620x_4$	$-0.696203x_5$	$+0.050633x_{17}$	$+0.063291x_7$
x_2	1.77215189873	$+0.265823x_{12}$	$-0.227848x_9$	$-0.139241x_{13}$	$-0.645570x_4$	$-0.455696x_5$	$-0.075949x_{17}$	$+0.405063x_7$
x_{14}	33.3797468354	$-0.443038x_{12}$	$+0.379747x_9$	$-1.101266x_{13}$	$-0.924051x_4$	$-6.240506x_5$	$-0.873418x_{17}$	$+0.658228x_7$
x_{15}	16.9240506329	$-0.911392x_{12}$	$-0.075949x_9$	$-0.379747x_{13}$	$-6.215190x_4$	$-1.151899x_5$	$-0.025316x_{17}$	$-1.531646x_7$
x_{16}	38.1139240506	$+0.367089x_{12}$	$-0.886076x_9$	$-1.430380x_{13}$	$-6.177215x_4$	$-10.772152x_5$	$-1.962025x_{17}$	$+6.797468x_7$
x_6	4.93670886076	$+0.240506x_{12}$	$-0.063291x_9$	$-0.316456x_{13}$	$-1.012658x_4$	$-1.126582x_5$	$-0.354430x_{17}$	$+0.556962x_7$
z	13.6708860759	$+1.050633x_{12}$	$-1.329114x_9$	$-0.645570x_{13}$	$-5.265823x_4$	$-4.658228x_5$	$-1.443038x_{17}$	$+4.696203x_7$

x_7 enters and x_{15} leaves

x_8	77.5537190083	$-2.644628x_{12}$	$-0.553719x_9$	$-1.768595x_{13}$	$-25.479339x_4$	$-7.231405x_5$	$-1.851240x_{17}$	$-3.123967x_{15}$
x_3	19.3140495868	$-0.768595x_{12}$	$-0.314050x_9$	$-0.570248x_{13}$	$-7.033058x_4$	$-3.429752x_5$	$-0.438017x_{17}$	$-0.801653x_{15}$
x_{10}	79.826446281	$-2.917355x_{12}$	$-0.826446x_9$	$-2.132231x_{13}$	$-27.297521x_4$	$-8.867769x_5$	$-1.942149x_{17}$	$-3.214876x_{15}$
x_{11}	71.1900826446	$-1.280992x_{12}$	$-1.190083x_9$	$-1.950413x_{13}$	$-20.388430x_4$	$-11.049587x_5$	$-1.396694x_{17}$	$-2.669421x_{15}$
x_1	3.85123966942	$-0.214876x_{12}$	$+0.148760x_9$	$-0.256198x_{13}$	$-0.826446x_4$	$-0.743802x_5$	$+0.049587x_{17}$	$-0.041322x_{15}$
x_2	6.2479338843	$+0.024793x_{12}$	$-0.247934x_9$	$-0.239669x_{13}$	$-2.289256x_4$	$-0.760331x_5$	$-0.082645x_{17}$	$-0.264463x_{15}$
x_{14}	40.652892562	$-0.834711x_{12}$	$+0.347107x_9$	$-1.264463x_{13}$	$-3.595041x_4$	$-6.735537x_5$	$-0.884298x_{17}$	$-0.429752x_{15}$
x_7	11.0495867769	$-0.595041x_{12}$	$-0.049587x_9$	$-0.247934x_{13}$	$-4.057851x_4$	$-0.752066x_5$	$-0.016529x_{17}$	$-0.652893x_{15}$
x_{16}	113.223140496	$-3.677686x_{12}$	$-1.223140x_9$	$-3.115702x_{13}$	$-33.760331x_4$	$-15.884298x_5$	$-2.074380x_{17}$	$-4.438017x_{15}$
x_6	11.0909090909	$-0.090909x_{12}$	$-0.090909x_9$	$-0.454545x_{13}$	$-3.272727x_4$	$-1.545455x_5$	$-0.363636x_{17}$	$-0.363636x_{15}$
z	65.5619834711	$-1.743802x_{12}$	$-1.561983x_9$	$-1.809917x_{13}$	$-24.322314x_4$	$-8.190083x_5$	$-1.520661x_{17}$	$-3.066116x_{15}$

x_{-1} enters and Final Dictionary Solution: 65.5619834711 Num Pivots: 6