x_8	8.0		$-1.000000x_2$	$+1.000000x_3$	$-2.000000x_4$	$+1.000000x_5$	$+2.000000x_6$	$-3.000000x_7$
x_9	12.0	$+3.000000x_1$		$-3.000000x_3$	$+1.000000x_4$	$-2.000000x_5$	$+1.000000x_6$	
x_{10}	12.0	$+3.000000x_1$	$-2.000000x_2$	$-1.000000x_3$	$-3.000000x_4$	$-1.000000x_5$		$-1.000000x_7$
x_{11}	14.0	$-2.000000x_1$		$-2.000000x_3$	$+2.000000x_4$	$-2.000000x_5$	$-2.000000x_6$	$+1.000000x_7$
x_{12}	7.0	$-2.000000x_1$	$+1.000000x_2$		$+1.000000x_4$	$+1.000000x_5$	$+1.000000x_6$	$+2.000000x_7$
x_{13}	6.0	$+2.000000x_1$	$+1.000000x_2$	$-1.000000x_3$		$+1.000000x_5$	$+2.000000x_6$	$+2.000000x_7$
x_{14}	9.0	$+1.000000x_1$		$+3.000000x_3$		$-1.000000x_5$		
x_{15}	13.0	$+2.000000x_1$	$+1.000000x_2$		$-2.000000x_4$	$-1.000000x_5$	$+2.000000x_6$	$+3.000000x_7$
x_{16}	4.0	$+3.000000x_1$	$-1.000000x_2$	$-2.000000x_3$		$-2.000000x_5$	$+2.000000x_6$	$+2.000000x_7$
x_{17}	14.0	$-3.000000x_1$	$+2.000000x_2$		$-1.000000x_4$	$+3.000000x_5$	$+2.000000x_6$	$-2.000000x_7$
z	0.0	$+1.000000x_1$			$-2.000000x_4$	$+2.000000x_5$	$+2.000000x_6$	$-2.000000x_7$

No initialization required –¿ Proceed to Optimize.

x_8	8.0		$-1.000000x_2$	$+1.000000x_3$	$-2.000000x_4$	$+1.000000x_5$	$+2.000000x_6$	$-3.000000x_7$
x_9	12.0	$+3.000000x_1$		$-3.000000x_3$	$+1.000000x_4$	$-2.000000x_5$	$+1.000000x_6$	
x_{10}	12.0	$+3.000000x_1$	$-2.000000x_2$	$-1.000000x_3$	$-3.000000x_4$	$-1.000000x_5$		$-1.000000x_7$
x_{11}	14.0	$-2.000000x_1$		$-2.000000x_3$	$+2.000000x_4$	$-2.000000x_5$	$-2.000000x_6$	$+1.000000x_7$
x_{12}	7.0	$-2.000000x_1$	$+1.000000x_2$		$+1.000000x_4$	$+1.000000x_5$	$+1.000000x_6$	$+2.000000x_7$
x_{13}	6.0	$+2.000000x_1$	$+1.000000x_2$	$-1.000000x_3$		$+1.000000x_5$	$+2.000000x_6$	$+2.000000x_7$
x_{14}	9.0	$+1.000000x_1$		$+3.000000x_3$		$-1.000000x_5$		
x_{15}	13.0	$+2.000000x_1$	$+1.000000x_2$		$-2.000000x_4$	$-1.000000x_5$	$+2.000000x_6$	$+3.000000x_7$
x_{16}	4.0	$+3.000000x_1$	$-1.000000x_2$	$-2.000000x_3$		$-2.000000x_5$	$+2.000000x_6$	$+2.000000x_7$
x_{17}	14.0	$-3.000000x_1$	$+2.000000x_2$		$-1.000000x_4$	$+3.000000x_5$	$+2.000000x_6$	$-2.000000x_7$
z	0.0	$+1.000000x_1$			$-2.000000x_4$	$+2.000000x_5$	$+2.000000x_6$	$-2.000000x_7$

x_1 enters and x_{12} leaves

x_8	8.0		$-1.000000x_2$	$+1.000000x_3$	$-2.000000x_4$	$+1.000000x_5$	$+2.000000x_6$	$-3.000000x_7$
x_9	22.5	$-1.500000x_{12}$	$+1.500000x_2$	$-3.000000x_3$	$+2.500000x_4$	$-0.500000x_5$	$+2.500000x_6$	$+3.000000x_7$
x_{10}	22.5	$-1.500000x_{12}$	$-0.500000x_2$	$-1.000000x_3$	$-1.500000x_4$	$+0.500000x_5$	$+1.500000x_6$	$+2.000000x_7$
x_{11}	7.0	$+1.000000x_{12}$	$-1.000000x_2$	$-2.000000x_3$	$+1.000000x_4$	$-3.000000x_5$	$-3.000000x_6$	$-1.000000x_7$
x_1	3.5	$-0.500000x_{12}$	$+0.500000x_2$		$+0.500000x_4$	$+0.500000x_5$	$+0.500000x_6$	$+1.000000x_7$
x_{13}	13.0	$-1.000000x_{12}$	$+2.000000x_2$	$-1.000000x_3$	$+1.000000x_4$	$+2.000000x_5$	$+3.000000x_6$	$+4.000000x_7$
x_{14}	12.5	$-0.500000x_{12}$	$+0.500000x_2$	$+3.000000x_3$	$+0.500000x_4$	$-0.500000x_5$	$+0.500000x_6$	$+1.000000x_7$
x_{15}	20.0	$-1.000000x_{12}$	$+2.000000x_2$		$-1.000000x_4$		$+3.000000x_6$	$+5.000000x_7$
x_{16}	14.5	$-1.500000x_{12}$	$+0.500000x_2$	$-2.000000x_3$	$+1.500000x_4$	$-0.500000x_5$	$+3.500000x_6$	$+5.000000x_7$
x_{17}	3.5	$+1.500000x_{12}$	$+0.500000x_2$		$-2.500000x_4$	$+1.500000x_5$	$+0.500000x_6$	$-5.000000x_7$
z	3.5	$-0.500000x_{12}$	$+0.500000x_2$		$-1.500000x_4$	$+2.500000x_5$	$+2.500000x_6$	$-1.000000x_7$

x_2 enters and x_{11} leaves

x_8	1.0	$-1.000000x_{12}$	$+1.000000x_{11}$	$+3.000000x_3$	$-3.000000x_4$	$+4.000000x_5$	$+5.000000x_6$	$-2.000000x_7$
x_9	33.0		$-1.500000x_{11}$	$-6.000000x_3$	$+4.000000x_4$	$-5.000000x_5$	$-2.000000x_6$	$+1.500000x_7$
x_{10}	19.0	$-2.000000x_{12}$	$+0.500000x_{11}$		$-2.000000x_4$	$+2.000000x_5$	$+3.000000x_6$	$+2.500000x_7$
x_2	7.0	$+1.000000x_{12}$	$-1.000000x_{11}$	$-2.000000x_3$	$+1.000000x_4$	$-3.000000x_5$	$-3.000000x_6$	$-1.000000x_7$
x_1	7.0		$-0.500000x_{11}$	$-1.000000x_3$	$+1.000000x_4$	$-1.000000x_5$	$-1.000000x_6$	$+0.500000x_7$
x_{13}	27.0	$+1.000000x_{12}$	$-2.000000x_{11}$	$-5.000000x_3$	$+3.000000x_4$	$-4.000000x_5$	$-3.000000x_6$	$+2.000000x_7$
x_{14}	16.0		$-0.500000x_{11}$	$+2.000000x_3$	$+1.000000x_4$	$-2.000000x_5$	$-1.000000x_6$	$+0.500000x_7$
x_{15}	34.0	$+1.000000x_{12}$	$-2.000000x_{11}$	$-4.000000x_3$	$+1.000000x_4$	$-6.000000x_5$	$-3.000000x_6$	$+3.000000x_7$
x_{16}	18.0	$-1.000000x_{12}$	$-0.500000x_{11}$	$-3.000000x_3$	$+2.000000x_4$	$-2.000000x_5$	$+2.000000x_6$	$+4.500000x_7$
x_{17}	7.0	$+2.000000x_{12}$	$-0.500000x_{11}$	$-1.000000x_3$	$-2.000000x_4$		$-1.000000x_6$	$-5.500000x_7$
z	7.0		$-0.500000x_{11}$	$-1.000000x_3$	$-1.000000x_4$	$+1.000000x_5$	$+1.000000x_6$	$-1.500000x_7$

x_5 enters and x_2 leaves

x_8	10.3333333333	$+0.333333x_{12}$	$-0.333333x_{11}$	$+0.333333x_3$	$-1.666667x_4$	$-1.333333x_2$	$+1.000000x_6$	$-3.333333x_7$
x_9	21.3333333333	$-1.666667x_{12}$	$+0.166667x_{11}$	$-2.666667x_3$	$+2.333333x_4$	$+1.666667x_2$	$+3.000000x_6$	$+3.166667x_7$
x_{10}	23.6666666667	$-1.333333x_{12}$	$-0.166667x_{11}$	$-1.333333x_3$	$-1.333333x_4$	$-0.666667x_2$	$+1.000000x_6$	$+1.833333x_7$
x_5	2.33333333333	$+0.333333x_{12}$	$-0.333333x_{11}$	$-0.666667x_3$	$+0.333333x_4$	$-0.333333x_2$	$-1.000000x_6$	$-0.333333x_7$
x_1	4.66666666667	$-0.333333x_{12}$	$-0.166667x_{11}$	$-0.333333x_3$	$+0.666667x_4$	$+0.333333x_2$		$+0.833333x_7$
x_{13}	17.6666666667	$-0.333333x_{12}$	$-0.666667x_{11}$	$-2.333333x_3$	$+1.666667x_4$	$+1.333333x_2$	$+1.000000x_6$	$+3.333333x_7$
x_{14}	11.3333333333	$-0.666667x_{12}$	$+0.166667x_{11}$	$+3.333333x_3$	$+0.333333x_4$	$+0.666667x_2$	$+1.000000x_6$	$+1.166667x_7$
x_{15}	20.0	$-1.000000x_{12}$			$-1.000000x_4$	$+2.000000x_2$	$+3.000000x_6$	$+5.000000x_7$
x_{16}	13.3333333333	$-1.666667x_{12}$	$+0.166667x_{11}$	$-1.666667x_3$	$+1.333333x_4$	$+0.666667x_2$	$+4.000000x_6$	$+5.166667x_7$
x_{17}	7.0	$+2.000000x_{12}$	$-0.500000x_{11}$	$-1.000000x_3$	$-2.000000x_4$		$-1.000000x_6$	$-5.500000x_7$
z	9.33333333333	$+0.333333x_{12}$	$-0.833333x_{11}$	$-1.666667x_3$	$-0.666667x_4$	$-0.333333x_2$		$-1.833333x_7$

x_{12} enters and x_{16} leaves

x_8	13.0	$-0.200000x_{16}$	$-0.300000x_{11}$	$+0.000000x_3$	$-1.400000x_4$	$-1.200000x_2$	$+1.800000x_6$	$-2.300000x_7$
x_9	8.0	$+1.000000x_{16}$	$-0.000000x_{11}$	$-1.000000x_3$	$+1.000000x_4$	$+1.000000x_2$	$-1.000000x_6$	$-2.000000x_7$
x_{10}	13.0	$+0.800000x_{16}$	$-0.300000x_{11}$	$+0.000000x_3$	$-2.400000x_4$	$-1.200000x_2$	$-2.200000x_6$	$-2.300000x_7$
x_5	5.0	$-0.200000x_{16}$	$-0.300000x_{11}$	$-1.000000x_3$	$+0.600000x_4$	$-0.200000x_2$	$-0.200000x_6$	$+0.700000x_7$
x_1	2.0	$+0.200000x_{16}$	$-0.200000x_{11}$		$+0.400000x_4$	$+0.200000x_2$	$-0.800000x_6$	$-0.200000x_7$
x_{13}	15.0	$+0.200000x_{16}$	$-0.700000x_{11}$	$-2.000000x_3$	$+1.400000x_4$	$+1.200000x_2$	$+0.200000x_6$	$+2.300000x_7$
x_{14}	6.0	$+0.400000x_{16}$	$+0.100000x_{11}$	$+4.000000x_3$	$-0.200000x_4$	$+0.400000x_2$	$-0.600000x_6$	$-0.900000x_7$
x_{15}	12.0	$+0.600000x_{16}$	$-0.100000x_{11}$	$+1.000000x_3$	$-1.800000x_4$	$+1.600000x_2$	$+0.600000x_6$	$+1.900000x_7$
x_{12}	8.0	$-0.600000x_{16}$	$+0.100000x_{11}$	$-1.000000x_3$	$+0.800000x_4$	$+0.400000x_2$	$+2.400000x_6$	$+3.100000x_7$
x_{17}	23.0	$-1.200000x_{16}$	$-0.300000x_{11}$	$-3.000000x_3$	$-0.400000x_4$	$+0.800000x_2$	$+3.800000x_6$	$+0.700000x_7$
z	12.0	$-0.200000x_{16}$	$-0.800000x_{11}$	$-2.000000x_3$	$-0.400000x_4$	$-0.200000x_2$	$+0.800000x_6$	$-0.800000x_7$

x_6 enters and x_1 leaves

x_8	17.5	$+0.250000x_{16}$	$-0.750000x_{11}$	$+0.000000x_3$	$-0.500000x_4$	$-0.750000x_2$	$-2.250000x_1$	$-2.750000x_7$
x_9	5.5	$+0.750000x_{16}$	$+0.250000x_{11}$	$-1.000000x_3$	$+0.500000x_4$	$+0.750000x_2$	$+1.250000x_1$	$-1.750000x_7$
x_{10}	7.5	$+0.250000x_{16}$	$+0.250000x_{11}$	$+0.000000x_3$	$-3.500000x_4$	$-1.750000x_2$	$+2.750000x_1$	$-1.750000x_7$
x_5	4.5	$-0.250000x_{16}$	$-0.250000x_{11}$	$-1.000000x_3$	$+0.500000x_4$	$-0.250000x_2$	$+0.250000x_1$	$+0.750000x_7$
x_6	2.5	$+0.250000x_{16}$	$-0.250000x_{11}$		$+0.500000x_4$	$+0.250000x_2$	$-1.250000x_1$	$-0.250000x_7$
x_{13}	15.5	$+0.250000x_{16}$	$-0.750000x_{11}$	$-2.000000x_3$	$+1.500000x_4$	$+1.250000x_2$	$-0.250000x_1$	$+2.250000x_7$
x_{14}	4.5	$+0.250000x_{16}$	$+0.250000x_{11}$	$+4.000000x_3$	$-0.500000x_4$	$+0.250000x_2$	$+0.750000x_1$	$-0.750000x_7$
x_{15}	13.5	$+0.750000x_{16}$	$-0.250000x_{11}$	$+1.000000x_3$	$-1.500000x_4$	$+1.750000x_2$	$-0.750000x_1$	$+1.750000x_7$
x_{12}	14.0		$-0.500000x_{11}$	$-1.000000x_3$	$+2.000000x_4$	$+1.000000x_2$	$-3.000000x_1$	$+2.500000x_7$
x_{17}	32.5	$-0.250000x_{16}$	$-1.250000x_{11}$	$-3.000000x_3$	$+1.500000x_4$	$+1.750000x_2$	$-4.750000x_1$	$-0.250000x_7$
z	14.0		$-1.000000x_{11}$	$-2.000000x_3$			$-1.000000x_1$	$-1.000000x_7$

x_{-1} enters and Final Dictionary Solution: 14.0 Num Pivots: 5