x_8	6.0		$+1.000000x_2$	$-2.000000x_3$	$+1.000000x_4$			
x_9	12.0	$+3.000000x_1$	$+2.000000x_2$	$-2.000000x_3$	$+2.000000x_4$	$-1.000000x_5$	$+2.000000x_6$	$-2.000000x_7$
x_{10}	9.0	$+1.000000x_1$	$-2.000000x_2$	$-1.000000x_3$	$-3.000000x_4$	$-1.000000x_5$	$-1.000000x_6$	
x_{11}	4.0	$+2.000000x_1$	$-1.000000x_2$	$-1.000000x_3$	$-3.000000x_4$		$-1.000000x_6$	$-3.000000x_7$
x_{12}	13.0	$-2.000000x_1$	$-3.000000x_2$	$+1.000000x_3$	$+3.000000x_4$	$-1.000000x_5$	$-2.000000x_6$	$+2.000000x_7$
x_{13}	9.0	$+1.000000x_1$	$+2.000000x_2$	$-1.000000x_3$		$+3.000000x_5$	$-1.000000x_6$	$+3.000000x_7$
x_{14}	14.0	$+2.000000x_1$	$+1.000000x_2$	$+1.000000x_3$	$-1.000000x_4$	$-1.000000x_5$	$-1.000000x_6$	$-2.000000x_7$
x_{15}	5.0		$-3.000000x_2$	$+3.000000x_3$		$+2.000000x_5$		$+1.000000x_7$
x_{16}	9.0	$-1.000000x_1$		$-2.000000x_3$	$-3.000000x_4$	$-1.000000x_5$	$+1.000000x_6$	$+3.000000x_7$
x_{17}	4.0	$+3.000000x_1$		$+2.000000x_3$	$-1.000000x_4$	$+3.000000x_5$	$+2.000000x_6$	$-3.000000x_7$
z	0.0	$+2.000000x_1$	$+1.000000x_2$		$+1.000000x_4$	$-2.000000x_5$		$+2.000000x_7$

No initialization required –¿ Proceed to Optimize.

x_8	6.0		$+1.000000x_2$	$-2.000000x_3$	$+1.000000x_4$			
x_9	12.0	$+3.000000x_1$	$+2.000000x_2$	$-2.000000x_3$	$+2.000000x_4$	$-1.000000x_5$	$+2.000000x_6$	$-2.000000x_7$
x_{10}	9.0	$+1.000000x_1$	$-2.000000x_2$	$-1.000000x_3$	$-3.000000x_4$	$-1.000000x_5$	$-1.000000x_6$	
x_{11}	4.0	$+2.000000x_1$	$-1.000000x_2$	$-1.000000x_3$	$-3.000000x_4$		$-1.000000x_6$	$-3.000000x_7$
x_{12}	13.0	$-2.000000x_1$	$-3.000000x_2$	$+1.000000x_3$	$+3.000000x_4$	$-1.000000x_5$	$-2.000000x_6$	$+2.000000x_7$
x_{13}	9.0	$+1.000000x_1$	$+2.000000x_2$	$-1.000000x_3$		$+3.000000x_5$	$-1.000000x_6$	$+3.000000x_7$
x_{14}	14.0	$+2.000000x_1$	$+1.000000x_2$	$+1.000000x_3$	$-1.000000x_4$	$-1.000000x_5$	$-1.000000x_6$	$-2.000000x_7$
x_{15}	5.0		$-3.000000x_2$	$+3.000000x_3$		$+2.000000x_5$		$+1.000000x_7$
x_{16}	9.0	$-1.000000x_1$		$-2.000000x_3$	$-3.000000x_4$	$-1.000000x_5$	$+1.000000x_6$	$+3.000000x_7$
x_{17}	4.0	$+3.000000x_1$		$+2.000000x_3$	$-1.000000x_4$	$+3.000000x_5$	$+2.000000x_6$	$-3.000000x_7$
z	0.0	$+2.000000x_1$	$+1.000000x_2$		$+1.000000x_4$	$-2.000000x_5$		$+2.000000x_7$

x_1 enters and x_{12} leaves

x_8	6.0		$+1.000000x_2$	$-2.000000x_3$	$+1.000000x_4$			
x_9	31.5	$-1.500000x_{12}$	$-2.500000x_2$	$-0.500000x_3$	$+6.500000x_4$	$-2.500000x_5$	$-1.000000x_6$	$+1.000000x_7$
x_{10}	15.5	$-0.500000x_{12}$	$-3.500000x_2$	$-0.500000x_3$	$-1.500000x_4$	$-1.500000x_5$	$-2.000000x_6$	$+1.000000x_7$
x_{11}	17.0	$-1.000000x_{12}$	$-4.000000x_2$			$-1.000000x_5$	$-3.000000x_6$	$-1.000000x_7$
x_1	6.5	$-0.500000x_{12}$	$-1.500000x_2$	$+0.500000x_3$	$+1.500000x_4$	$-0.500000x_5$	$-1.000000x_6$	$+1.000000x_7$
x_{13}	15.5	$-0.500000x_{12}$	$+0.500000x_2$	$-0.500000x_3$	$+1.500000x_4$	$+2.500000x_5$	$-2.000000x_6$	$+4.000000x_7$
x_{14}	27.0	$-1.000000x_{12}$	$-2.000000x_2$	$+2.000000x_3$	$+2.000000x_4$	$-2.000000x_5$	$-3.000000x_6$	
x_{15}	5.0		$-3.000000x_2$	$+3.000000x_3$		$+2.000000x_5$		$+1.000000x_7$
x_{16}	2.5	$+0.500000x_{12}$	$+1.500000x_2$	$-2.500000x_3$	$-4.500000x_4$	$-0.500000x_5$	$+2.000000x_6$	$+2.000000x_7$
x_{17}	23.5	$-1.500000x_{12}$	$-4.500000x_2$	$+3.500000x_3$	$+3.500000x_4$	$+1.500000x_5$	$-1.000000x_6$	
z	13.0	$-1.000000x_{12}$	$-2.000000x_2$	$+1.000000x_3$	$+4.000000x_4$	$-3.000000x_5$	$-2.000000x_6$	$+4.000000x_7$

x_3 enters and x_{16} leaves

x_8	4.0	$-0.400000x_{12} -0.200000x_2 +0.800000x_{16} +4.600000x_4 +0.400000x_5 -1.600000x_6 -1.600000x_7$
x_9	31.0	$-1.600000x_{12} -2.800000x_2 +0.200000x_{16} +7.400000x_4 -2.400000x_5 -1.400000x_6 +0.600000x_7$
x_{10}	15.0	$-0.600000x_{12} -3.800000x_2 +0.200000x_{16} -0.600000x_4 -1.400000x_5 -2.400000x_6 +0.600000x_7$
x_{11}	17.0	$-1.000000x_{12} -4.000000x_2 -1.000000x_5 -3.000000x_6 -1.000000x_7$
x_1	7.0	$-0.400000x_{12} -1.200000x_2 -0.200000x_{16} +0.600000x_4 -0.600000x_5 -0.600000x_6 +1.400000x_7$
x_{13}	15.0	$-0.600000x_{12} +0.200000x_2 +0.200000x_{16} +2.400000x_4 +2.600000x_5 -2.400000x_6 +3.600000x_7$
x_{14}	29.0	$-0.600000x_{12} -0.800000x_2 -0.800000x_{16} -1.600000x_4 -2.400000x_5 -1.400000x_6 +1.600000x_7$
x_{15}	8.0	$+0.600000x_{12} -1.200000x_2 -1.200000x_{16} -5.400000x_4 +1.400000x_5 +2.400000x_6 +3.400000x_7$
x_3	1.0	$+0.200000x_{12} +0.600000x_2 -0.400000x_{16} -1.800000x_4 -0.200000x_5 +0.800000x_6 +0.800000x_7$
x_{17}	27.0	$-0.800000x_{12} -2.400000x_2 -1.400000x_{16} -2.800000x_4 +0.800000x_5 +1.800000x_6 +2.800000x_7$
z	14.0	$-0.800000x_{12} -1.400000x_2 -0.400000x_{16} +2.200000x_4 -3.200000x_5 -1.200000x_6 +4.800000x_7$

x_4 enters and x_3 leaves

x_8	6.55555555556	$+0.111111x_{12} +1.333333x_2 -0.222222x_{16} -2.555556x_3 -0.111111x_5 +0.444444x_6 +0.444444x_7$
x_9	35.1111111111	$-0.777778x_{12} -0.333333x_2 -1.444444x_{16} -4.111111x_3 -3.222222x_5 +1.888889x_6 +3.888889x_7$
x_{10}	14.6666666667	$-0.666667x_{12} -4.000000x_2 +0.333333x_{16} +0.333333x_3 -1.333333x_5 -2.666667x_6 +0.333333x_7$
x_{11}	17.0	$-1.000000x_{12} -4.000000x_2 -1.000000x_5 -3.000000x_6 -1.000000x_7$
x_1	7.33333333333	$-0.333333x_{12} -1.000000x_2 -0.333333x_{16} -0.333333x_3 -0.666667x_5 -0.333333x_6 +1.666667x_7$
x_{13}	16.3333333333	$-0.333333x_{12} +1.000000x_2 -0.333333x_{16} -1.333333x_3 +2.333333x_5 -1.333333x_6 +4.666667x_7$
x_{14}	28.1111111111	$-0.777778x_{12} -1.333333x_2 -0.444444x_{16} +0.888889x_3 -2.222222x_5 -2.111111x_6 +0.888889x_7$
x_{15}	5.0	$-3.000000x_2 +3.000000x_3 +2.000000x_5 +1.000000x_7$
x_4	0.555555555556	$+0.111111x_{12} +0.333333x_2 -0.222222x_{16} -0.555556x_3 -0.111111x_5 +0.444444x_6 +0.444444x_7$
x_{17}	25.4444444444	$-1.111111x_{12} -3.333333x_2 -0.777778x_{16} +1.555556x_3 +1.111111x_5 +0.555556x_6 +1.555556x_7$
z	15.2222222222	$-0.555556x_{12} -0.666667x_2 -0.888889x_{16} -1.222222x_3 -3.444444x_5 -0.222222x_6 +5.777778x_7$

x_7 enters and x_{11} leaves

x_8	14.1111111111	$-0.333333x_{12} -0.444444x_2 -0.222222x_{16} -2.555556x_3 -0.555556x_5 -0.888889x_6 -0.444444x_{11}$
x_9	101.222222222	$-4.666667x_{12} -15.888889x_2 -1.444444x_{16} -4.111111x_3 -7.111111x_5 -9.777778x_6 -3.888889x_{11}$
x_{10}	20.3333333333	$-1.000000x_{12} -5.333333x_2 +0.333333x_{16} +0.333333x_3 -1.666667x_5 -3.666667x_6 -0.333333x_{11}$
x_7	17.0	$-1.000000x_{12} -4.000000x_2 -1.000000x_5 -3.000000x_6 -1.000000x_{11}$
x_1	35.6666666667	$-2.000000x_{12} -7.666667x_2 -0.333333x_{16} -0.333333x_3 -2.333333x_5 -5.333333x_6 -1.666667x_{11}$
x_{13}	95.6666666667	$-5.000000x_{12} -17.666667x_2 -0.333333x_{16} -1.333333x_3 -2.333333x_5 -15.333333x_6 -4.666667x_{11}$
x_{14}	43.2222222222	$-1.666667x_{12} -4.888889x_2 -0.444444x_{16} +0.888889x_3 -3.111111x_5 -4.777778x_6 -0.888889x_{11}$
x_{15}	22.0	$-1.000000x_{12} -7.000000x_2 +3.000000x_3 +1.000000x_5 -3.000000x_6 -1.000000x_{11}$
x_4	8.11111111111	$-0.333333x_{12} -1.444444x_2 -0.222222x_{16} -0.555556x_3 -0.555556x_5 -0.888889x_6 -0.444444x_{11}$
x_{17}	51.8888888889	$-2.666667x_{12} -9.555556x_2 -0.777778x_{16} +1.555556x_3 -0.444444x_5 -4.111111x_6 -1.555556x_{11}$
z	113.444444444	$-6.333333x_{12} -23.777778x_2 -0.888889x_{16} -1.222222x_3 -9.222222x_5 -17.555556x_6 -5.777778x_{11}$

x_{-1} enters and Final Dictionary Solution: 113.444444444 Num Pivots: 4