	RHS	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8
x_9	14.0	$+1.000000x_1$	$-2.000000x_2$	$+2.000000x_3$	$-1.000000x_4$	$-2.000000x_5$	$+3.000000x_6$	$+3.000000x_7$	$+1.000000x_8$
x_{10}	12.0	$+1.000000x_1$	$-2.000000x_2$	$-3.000000x_3$	$+1.000000x_4$		$-3.000000x_6$	$-2.000000x_7$	$+2.000000x_8$
x_{11}	4.0	$-2.000000x_1$		$+2.000000x_3$	$+1.000000x_4$	$-3.000000x_5$	$-2.000000x_6$	$+3.000000x_7$	$+2.000000x_8$
x_{12}	10.0	$+3.000000x_1$	$+3.000000x_2$	$+2.000000x_3$	$-1.000000x_4$	$+2.000000x_5$	$-2.000000x_6$	$+1.000000x_7$	$-1.000000x_8$
x_{13}	15.0	$-1.000000x_1$	$+3.000000x_2$	$+1.000000x_3$	$+3.000000x_4$		$-2.000000x_6$	$-3.000000x_7$	$+2.000000x_8$
x_{14}	4.0	$-1.000000x_1$		$-1.000000x_3$	$-3.000000x_4$	$+3.000000x_5$		$+3.000000x_7$	$-2.000000x_8$
x_{15}	2.0	$-2.000000x_1$	$+1.000000x_2$	$-2.000000x_3$	$-3.000000x_4$	$-1.000000x_5$	$-3.000000x_6$	$+2.000000x_7$	$+2.000000x_8$
x_{16}	6.0		$-2.000000x_2$	$-2.000000x_3$		$-3.000000x_5$	$-1.000000x_6$	$-2.000000x_7$	
x_{17}	15.0	$-3.000000x_1$	$+2.000000x_2$	$-1.000000x_3$	$-1.000000x_4$	$+1.000000x_5$	$+2.000000x_6$	$+1.000000x_7$	$-2.000000x_8$
x_{18}	14.0	$-2.000000x_1$		$+2.000000x_3$	$+2.000000x_4$	$+3.000000x_5$	$-2.000000x_6$	$-1.000000x_7$	
x_{19}	2.0	$+1.000000x_1$	$+3.000000x_2$		$-2.000000x_4$		$-2.000000x_6$		$-3.000000x_8$
x_{20}	12.0	$+1.000000x_1$	$-3.000000x_2$	$-3.000000x_3$	$+3.000000x_4$	$+2.000000x_5$	$-2.000000x_6$		$+3.000000x_8$
x_{21}	14.0	$-1.000000x_1$		$+2.000000x_3$	$-1.000000x_4$	$+2.000000x_5$	$+3.000000x_6$	$+2.000000x_7$	$-3.000000x_8$
x_{22}	11.0		$-1.000000x_2$	$+3.000000x_3$		$-1.000000x_5$	$-2.000000x_6$	$-2.000000x_7$	
x_{23}	13.0	$+1.000000x_1$	$-3.000000x_2$	$+3.000000x_3$	$-3.000000x_4$	$+3.000000x_5$	$+3.000000x_6$		$-2.000000x_8$
z	0.0	$-2.000000x_1$	$+1.000000x_2$	$-1.000000x_3$	$-1.000000x_4$		$-1.000000x_6$	$+2.000000x_7$	$+2.000000x_8$

No initialization required –¿ Proceed to Optimize.

	RHS	x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8
x_9	14.0	$+1.000000x_1$	$-2.000000x_2$	$+2.000000x_3$	$-1.000000x_4$	$-2.000000x_5$	$+3.000000x_6$	$+3.000000x_7$	$+1.000000x_8$
x_{10}	12.0	$+1.000000x_1$	$-2.000000x_2$	$-3.000000x_3$	$+1.000000x_4$		$-3.000000x_6$	$-2.000000x_7$	$+2.000000x_8$
x_{11}	4.0	$-2.000000x_1$		$+2.000000x_3$	$+1.000000x_4$	$-3.000000x_5$	$-2.000000x_6$	$+3.000000x_7$	$+2.000000x_8$
x_{12}	10.0	$+3.000000x_1$	$+3.000000x_2$	$+2.000000x_3$	$-1.000000x_4$	$+2.000000x_5$	$-2.000000x_6$	$+1.000000x_7$	$-1.000000x_8$
x_{13}	15.0	$-1.000000x_1$	$+3.000000x_2$	$+1.000000x_3$	$+3.000000x_4$		$-2.000000x_6$	$-3.000000x_7$	$+2.000000x_8$
x_{14}	4.0	$-1.000000x_1$		$-1.000000x_3$	$-3.000000x_4$	$+3.000000x_5$		$+3.000000x_7$	$-2.000000x_8$
x_{15}	2.0	$-2.000000x_1$	$+1.000000x_2$	$-2.000000x_3$	$-3.000000x_4$	$-1.000000x_5$	$-3.000000x_6$	$+2.000000x_7$	$+2.000000x_8$
x_{16}	6.0		$-2.000000x_2$	$-2.000000x_3$		$-3.000000x_5$	$-1.000000x_6$	$-2.000000x_7$	
x_{17}	15.0	$-3.000000x_1$	$+2.000000x_2$	$-1.000000x_3$	$-1.000000x_4$	$+1.000000x_5$	$+2.000000x_6$	$+1.000000x_7$	$-2.000000x_8$
x_{18}	14.0	$-2.000000x_1$		$+2.000000x_3$	$+2.000000x_4$	$+3.000000x_5$	$-2.000000x_6$	$-1.000000x_7$	
x_{19}	2.0	$+1.000000x_1$	$+3.000000x_2$		$-2.000000x_4$		$-2.000000x_6$		$-3.000000x_8$
x_{20}	12.0	$+1.000000x_1$	$-3.000000x_2$	$-3.000000x_3$	$+3.000000x_4$	$+2.000000x_5$	$-2.000000x_6$		$+3.000000x_8$
x_{21}	14.0	$-1.000000x_1$		$+2.000000x_3$	$-1.000000x_4$	$+2.000000x_5$	$+3.000000x_6$	$+2.000000x_7$	$-3.000000x_8$
x_{22}	11.0		$-1.000000x_2$	$+3.000000x_3$		$-1.000000x_5$	$-2.000000x_6$	$-2.000000x_7$	
x_{23}	13.0	$+1.000000x_1$	$-3.000000x_2$	$+3.000000x_3$	$-3.000000x_4$	$+3.000000x_5$	$+3.000000x_6$		$-2.000000x_8$
z	0.0	$-2.000000x_1$	$+1.000000x_2$	$-1.000000x_3$	$-1.000000x_4$		$-1.000000x_6$	$+2.000000x_7$	$+2.000000x_8$

x_2 enters and x_{16} leaves

$$\begin{array}{r|l}
x_9 & 8.0 \quad +1.000000x_1 +1.000000x_{16} +4.000000x_3 -1.000000x_4 +1.000000x_5 +4.000000x_6 +5.000000x_7 +1.000000x_8 \\
x_{10} & 6.0 \quad +1.000000x_1 +1.000000x_{16} -1.000000x_3 +1.000000x_4 +3.000000x_5 -2.000000x_6 \qquad\quad +2.000000x_8 \\
x_{11} & 4.0 \quad -2.000000x_1 \qquad\qquad\quad +2.000000x_3 +1.000000x_4 -3.000000x_5 -2.000000x_6 +3.000000x_7 +2.000000x_8 \\
x_{12} & 19.0 \quad +3.000000x_1 -1.500000x_{16} -1.000000x_3 -1.000000x_4 -2.500000x_5 -3.500000x_6 -2.000000x_7 -1.000000x_8 \\
x_{13} & 24.0 \quad -1.000000x_1 -1.500000x_{16} -2.000000x_3 +3.000000x_4 -4.500000x_5 -3.500000x_6 -6.000000x_7 +2.000000x_8 \\
x_{14} & 4.0 \quad -1.000000x_1 \qquad\qquad\quad -1.000000x_3 -3.000000x_4 +3.000000x_5 \qquad\qquad +3.000000x_7 -2.000000x_8 \\
x_{15} & 5.0 \quad -2.000000x_1 -0.500000x_{16} -3.000000x_3 -3.000000x_4 -2.500000x_5 -3.500000x_6 +1.000000x_7 +2.000000x_8 \\
x_2 & 3.0 \qquad\qquad\quad -0.500000x_{16} -1.000000x_3 \qquad\qquad -1.500000x_5 -0.500000x_6 -1.000000x_7 \\
x_{17} & 21.0 \quad -3.000000x_1 -1.000000x_{16} -3.000000x_3 -1.000000x_4 -2.000000x_5 +1.000000x_6 -1.000000x_7 -2.000000x_8 \\
x_{18} & 14.0 \quad -2.000000x_1 \qquad\qquad\quad +2.000000x_3 +2.000000x_4 +3.000000x_5 -2.000000x_6 -1.000000x_7 \\
x_{19} & 11.0 \quad +1.000000x_1 -1.500000x_{16} -3.000000x_3 -2.000000x_4 -4.500000x_5 -3.500000x_6 -3.000000x_7 -3.000000x_8 \\
x_{20} & 3.0 \quad +1.000000x_1 +1.500000x_{16} \qquad\qquad +3.000000x_4 +6.500000x_5 -0.500000x_6 +3.000000x_7 +3.000000x_8 \\
x_{21} & 14.0 \quad -1.000000x_1 \qquad\qquad\quad +2.000000x_3 -1.000000x_4 +2.000000x_5 +3.000000x_6 +2.000000x_7 -3.000000x_8 \\
x_{22} & 8.0 \qquad\qquad\quad +0.500000x_{16} +4.000000x_3 \qquad\qquad +0.500000x_5 -1.500000x_6 -1.000000x_7 \\
x_{23} & 4.0 \quad +1.000000x_1 +1.500000x_{16} +6.000000x_3 -3.000000x_4 +7.500000x_5 +4.500000x_6 +3.000000x_7 -2.000000x_8 \\
\hline
z & 3.0 \quad -2.000000x_1 -0.500000x_{16} -2.000000x_3 -1.000000x_4 -1.500000x_5 -1.500000x_6 +1.000000x_7 +2.000000x_8
\end{array}$$

x_7 enters and x_2 leaves

$$\begin{array}{r|l}
x_9 & 23.0 \quad +1.000000x_1 -1.500000x_{16} -1.000000x_3 -1.000000x_4 -6.500000x_5 +1.500000x_6 -5.000000x_2 +1.000000x_8 \\
x_{10} & 6.0 \quad +1.000000x_1 +1.000000x_{16} -1.000000x_3 +1.000000x_4 +3.000000x_5 -2.000000x_6 \qquad\quad +2.000000x_8 \\
x_{11} & 13.0 \quad -2.000000x_1 -1.500000x_{16} -1.000000x_3 +1.000000x_4 -7.500000x_5 -3.500000x_6 -3.000000x_2 +2.000000x_8 \\
x_{12} & 13.0 \quad +3.000000x_1 -0.500000x_{16} +1.000000x_3 -1.000000x_4 +0.500000x_5 -2.500000x_6 +2.000000x_2 -1.000000x_8 \\
x_{13} & 6.0 \quad -1.000000x_1 +1.500000x_{16} +4.000000x_3 +3.000000x_4 +4.500000x_5 -0.500000x_6 +6.000000x_2 +2.000000x_8 \\
x_{14} & 13.0 \quad -1.000000x_1 -1.500000x_{16} -4.000000x_3 -3.000000x_4 -1.500000x_5 -1.500000x_6 -3.000000x_2 -2.000000x_8 \\
x_{15} & 8.0 \quad -2.000000x_1 -1.000000x_{16} -4.000000x_3 -3.000000x_4 -4.000000x_5 -4.000000x_6 -1.000000x_2 +2.000000x_8 \\
x_7 & 3.0 \qquad\qquad\quad -0.500000x_{16} -1.000000x_3 \qquad\qquad -1.500000x_5 -0.500000x_6 -1.000000x_2 \\
x_{17} & 18.0 \quad -3.000000x_1 -0.500000x_{16} -2.000000x_3 -1.000000x_4 -0.500000x_5 +1.500000x_6 +1.000000x_2 -2.000000x_8 \\
x_{18} & 11.0 \quad -2.000000x_1 +0.500000x_{16} +3.000000x_3 +2.000000x_4 +4.500000x_5 -1.500000x_6 +1.000000x_2 \\
x_{19} & 2.0 \quad +1.000000x_1 \qquad\qquad\qquad\qquad\quad -2.000000x_4 \qquad\qquad -2.000000x_6 +3.000000x_2 -3.000000x_8 \\
x_{20} & 12.0 \quad +1.000000x_1 \qquad\qquad\quad -3.000000x_3 +3.000000x_4 +2.000000x_5 -2.000000x_6 -3.000000x_2 +3.000000x_8 \\
x_{21} & 20.0 \quad -1.000000x_1 -1.000000x_{16} \qquad\qquad -1.000000x_4 -1.000000x_5 +2.000000x_6 -2.000000x_2 -3.000000x_8 \\
x_{22} & 5.0 \qquad\qquad\quad +1.000000x_{16} +5.000000x_3 \qquad\qquad +2.000000x_5 -1.000000x_6 +1.000000x_2 \\
x_{23} & 13.0 \quad +1.000000x_1 \qquad\qquad\quad +3.000000x_3 -3.000000x_4 +3.000000x_5 +3.000000x_6 -3.000000x_2 -2.000000x_8 \\
\hline
z & 6.0 \quad -2.000000x_1 -1.000000x_{16} -3.000000x_3 -1.000000x_4 -3.000000x_5 -2.000000x_6 -1.000000x_2 +2.000000x_8
\end{array}$$

x_8 enters and x_{19} leaves

x_9	23.6666666667	$+1.333333x_1$	$-1.500000x_{16}$	$-1.000000x_3$	$-1.666667x_4$	$-6.500000x_5$	$+0.833333x_6$	$-4.000000x_2$	-0.33
x_{10}	7.33333333333	$+1.666667x_1$	$+1.000000x_{16}$	$-1.000000x_3$	$-0.333333x_4$	$+3.000000x_5$	$-3.333333x_6$	$+2.000000x_2$	-0.66
x_{11}	14.3333333333	$-1.333333x_1$	$-1.500000x_{16}$	$-1.000000x_3$	$-0.333333x_4$	$-7.500000x_5$	$-4.833333x_6$	$-1.000000x_2$	-0.66
x_{12}	12.3333333333	$+2.666667x_1$	$-0.500000x_{16}$	$+1.000000x_3$	$-0.333333x_4$	$+0.500000x_5$	$-1.833333x_6$	$+1.000000x_2$	$+0.33$
x_{13}	7.33333333333	$-0.333333x_1$	$+1.500000x_{16}$	$+4.000000x_3$	$+1.666667x_4$	$+4.500000x_5$	$-1.833333x_6$	$+8.000000x_2$	-0.66
x_{14}	11.6666666667	$-1.666667x_1$	$-1.500000x_{16}$	$-4.000000x_3$	$-1.666667x_4$	$-1.500000x_5$	$-0.166667x_6$	$-5.000000x_2$	$+0.66$
x_{15}	9.33333333333	$-1.333333x_1$	$-1.000000x_{16}$	$-4.000000x_3$	$-4.333333x_4$	$-4.000000x_5$	$-5.333333x_6$	$+1.000000x_2$	-0.66
x_7	3.0		$-0.500000x_{16}$	$-1.000000x_3$		$-1.500000x_5$	$-0.500000x_6$	$-1.000000x_2$	
x_{17}	16.6666666667	$-3.666667x_1$	$-0.500000x_{16}$	$-2.000000x_3$	$+0.333333x_4$	$-0.500000x_5$	$+2.833333x_6$	$-1.000000x_2$	$+0.66$
x_{18}	11.0	$-2.000000x_1$	$+0.500000x_{16}$	$+3.000000x_3$	$+2.000000x_4$	$+4.500000x_5$	$-1.500000x_6$	$+1.000000x_2$	
x_8	0.666666666667	$+0.333333x_1$			$-0.666667x_4$		$-0.666667x_6$	$+1.000000x_2$	-0.33
x_{20}	14.0	$+2.000000x_1$		$-3.000000x_3$	$+1.000000x_4$	$+2.000000x_5$	$-4.000000x_6$		-1.00
x_{21}	18.0	$-2.000000x_1$	$-1.000000x_{16}$		$+1.000000x_4$	$-1.000000x_5$	$+4.000000x_6$	$-5.000000x_2$	$+1.00$
x_{22}	5.0		$+1.000000x_{16}$	$+5.000000x_3$		$+2.000000x_5$	$-1.000000x_6$	$+1.000000x_2$	
x_{23}	11.6666666667	$+0.333333x_1$		$+3.000000x_3$	$-1.666667x_4$	$+3.000000x_5$	$+4.333333x_6$	$-5.000000x_2$	$+0.66$
z	7.33333333333	$-1.333333x_1$	$-1.000000x_{16}$	$-3.000000x_3$	$-2.333333x_4$	$-3.000000x_5$	$-3.333333x_6$	$+1.000000x_2$	-0.66

x_2 enters and x_{14} leaves

x_9	14.3333333333	$+2.666667x_1$	$-0.300000x_{16}$	$+2.200000x_3$	$-0.333333x_4$	$-5.300000x_5$	$+0.966667x_6$	$+0.800000x_{14}$	$-$
x_{10}	12.0	$+1.000000x_1$	$+0.400000x_{16}$	$-2.600000x_3$	$-1.000000x_4$	$+2.400000x_5$	$-3.400000x_6$	$-0.400000x_{14}$	$-$
x_{11}	12.0	$-1.000000x_1$	$-1.200000x_{16}$	$-0.200000x_3$	$+0.000000x_4$	$-7.200000x_5$	$-4.800000x_6$	$+0.200000x_{14}$	$-$
x_{12}	14.6666666667	$+2.333333x_1$	$-0.800000x_{16}$	$+0.200000x_3$	$-0.666667x_4$	$+0.200000x_5$	$-1.866667x_6$	$-0.200000x_{14}$	$+$
x_{13}	26.0	$-3.000000x_1$	$-0.900000x_{16}$	$-2.400000x_3$	$-1.000000x_4$	$+2.100000x_5$	$-2.100000x_6$	$-1.600000x_{14}$	$+$
x_2	2.33333333333	$-0.333333x_1$	$-0.300000x_{16}$	$-0.800000x_3$	$-0.333333x_4$	$-0.300000x_5$	$-0.033333x_6$	$-0.200000x_{14}$	$+$
x_{15}	11.6666666667	$-1.666667x_1$	$-1.300000x_{16}$	$-4.800000x_3$	$-4.666667x_4$	$-4.300000x_5$	$-5.366667x_6$	$-0.200000x_{14}$	$-$
x_7	0.666666666667	$+0.333333x_1$	$-0.200000x_{16}$	$-0.200000x_3$	$+0.333333x_4$	$-1.200000x_5$	$-0.466667x_6$	$+0.200000x_{14}$	$-$
x_{17}	14.3333333333	$-3.333333x_1$	$-0.200000x_{16}$	$-1.200000x_3$	$+0.666667x_4$	$-0.200000x_5$	$+2.866667x_6$	$+0.200000x_{14}$	$+$
x_{18}	13.3333333333	$-2.333333x_1$	$+0.200000x_{16}$	$+2.200000x_3$	$+1.666667x_4$	$+4.200000x_5$	$-1.533333x_6$	$-0.200000x_{14}$	$+$
x_8	3.0		$-0.300000x_{16}$	$-0.800000x_3$	$-1.000000x_4$	$-0.300000x_5$	$-0.700000x_6$	$-0.200000x_{14}$	$-$
x_{20}	14.0	$+2.000000x_1$		$-3.000000x_3$	$+1.000000x_4$	$+2.000000x_5$	$-4.000000x_6$		$-$
x_{21}	6.33333333333	$-0.333333x_1$	$+0.500000x_{16}$	$+4.000000x_3$	$+2.666667x_4$	$+0.500000x_5$	$+4.166667x_6$	$+1.000000x_{14}$	$+$
x_{22}	7.33333333333	$-0.333333x_1$	$+0.700000x_{16}$	$+4.200000x_3$	$-0.333333x_4$	$+1.700000x_5$	$-1.033333x_6$	$-0.200000x_{14}$	$+$
x_{23}	$1.7763568394e-15$	$+2.000000x_1$	$+1.500000x_{16}$	$+7.000000x_3$	$+0.000000x_4$	$+4.500000x_5$	$+4.500000x_6$	$+1.000000x_{14}$	
z	9.66666666667	$-1.666667x_1$	$-1.300000x_{16}$	$-3.800000x_3$	$-2.666667x_4$	$-3.300000x_5$	$-3.366667x_6$	$-0.200000x_{14}$	$-$

x_{-1} enters and Final Dictionary Solution: 9.66666666667 Num Pivots: 4