		x_1	x_2	x_3	x_4	x_5	x_6	x_7	x_8
x_9	5.0	$+1.000000x_1$	$+2.000000x_2$	$-3.000000x_3$		$-1.000000x_5$	$+2.000000x_6$	$-3.000000x_7$	$+1.000000x_8$
x_{10}	4.0	$+3.000000x_1$	$-1.000000x_2$	$+3.000000x_3$	$+1.000000x_4$	$-3.000000x_5$	$-3.000000x_6$	$-1.000000x_7$	$-2.000000x_8$
x_{11}	1.0	$+2.000000x_1$	$+2.000000x_2$		$+2.000000x_4$	$-1.000000x_5$	$+3.000000x_6$	$-3.000000x_7$	$-3.000000x_8$
x_{12}	4.0	$-1.000000x_1$	$+3.000000x_2$	$+1.000000x_3$	$-2.000000x_4$	$+3.000000x_5$	$+1.000000x_6$	$-3.000000x_7$	$+3.000000x_8$
x_{13}	10.0	$+3.000000x_1$	$-2.000000x_2$	$-2.000000x_3$		$-2.000000x_5$	$+3.000000x_6$	$+3.000000x_7$	$-2.000000x_8$
x_{14}	15.0	$-3.000000x_1$	$+3.000000x_2$		$+1.000000x_4$		$-1.000000x_6$	$+2.000000x_7$	$-2.000000x_8$
x_{15}	4.0	$-2.000000x_1$	$-1.000000x_2$	$-3.000000x_3$		$+3.000000x_5$	$-1.000000x_6$	$+3.000000x_7$	$+3.000000x_8$
x_{16}	13.0		$-2.000000x_2$	$-2.000000x_3$	$-1.000000x_4$	$-1.000000x_5$	$-3.000000x_6$	$+2.000000x_7$	$+2.000000x_8$
x_{17}	3.0		$+2.000000x_2$	$-2.000000x_3$	$+1.000000x_4$	$+3.000000x_5$	$-2.000000x_6$	$+2.000000x_7$	$+2.000000x_8$
x_{18}	15.0	$+2.000000x_1$		$+2.000000x_3$		$-3.000000x_5$	$-1.000000x_6$	$-1.000000x_7$	$+2.000000x_8$
x_{19}	10.0	$-3.000000x_1$	$-1.000000x_2$	$+3.000000x_3$	$+3.000000x_4$	$-2.000000x_5$	$+3.000000x_6$		$-1.000000x_8$
x_{20}	9.0		$+2.000000x_2$	$+3.000000x_3$	$-1.000000x_4$	$+1.000000x_5$	$+2.000000x_6$	$+1.000000x_7$	$+3.000000x_8$
x_{21}	14.0	$-3.000000x_1$	$-3.000000x_2$	$-1.000000x_3$		$+1.000000x_5$		$+3.000000x_7$	$+1.000000x_8$
x_{22}	13.0	$-1.000000x_1$	$+2.000000x_2$	$-3.000000x_3$	$-3.000000x_4$		$-3.000000x_6$	$+1.000000x_7$	$-3.000000x_8$
x_{23}	11.0	$+3.000000x_1$	$-1.000000x_2$	$+2.000000x_3$		$+3.000000x_5$	$+2.000000x_6$	$-3.000000x_7$	$-2.000000x_8$
z	0.0	$+1.000000x_1$	$+2.000000x_2$	$+1.000000x_3$	$+1.000000x_4$		$-1.000000x_6$	$-1.000000x_7$	

No initialization required –¿ Proceed to Optimize.

x_1 enters and x_{15} leaves

$$
\begin{array}{c|l}
x_9 & 7.0 \quad -0.500000x_{15} +1.500000x_2 -4.500000x_3 \qquad\qquad +0.500000x_5 +1.500000x_6 -1.500000x_7 +2.500000x_8 \\
x_{10} & 10.0 \quad -1.500000x_{15} -2.500000x_2 -1.500000x_3 +1.000000x_4 +1.500000x_5 -4.500000x_6 +3.500000x_7 +2.500000x_8 \\
x_{11} & 5.0 \quad -1.000000x_{15} +1.000000x_2 -3.000000x_3 +2.000000x_4 +2.000000x_5 +2.000000x_6 \\
x_{12} & 2.0 \quad +0.500000x_{15} +3.500000x_2 +2.500000x_3 -2.000000x_4 +1.500000x_5 +1.500000x_6 -4.500000x_7 +1.500000x_8 \\
x_{13} & 16.0 \quad -1.500000x_{15} -3.500000x_2 -6.500000x_3 \qquad\qquad +2.500000x_5 +1.500000x_6 +7.500000x_7 +2.500000x_8 \\
x_{14} & 9.0 \quad +1.500000x_{15} +4.500000x_2 +4.500000x_3 +1.000000x_4 -4.500000x_5 +0.500000x_6 -2.500000x_7 -6.500000x_8 \\
x_1 & 2.0 \quad -0.500000x_{15} -0.500000x_2 -1.500000x_3 \qquad\qquad +1.500000x_5 -0.500000x_6 +1.500000x_7 +1.500000x_8 \\
x_{16} & 13.0 \quad\qquad\quad -2.000000x_2 -2.000000x_3 -1.000000x_4 -1.000000x_5 -3.000000x_6 +2.000000x_7 +2.000000x_8 \\
x_{17} & 3.0 \quad\qquad\quad +2.000000x_2 -2.000000x_3 +1.000000x_4 +3.000000x_5 -2.000000x_6 +2.000000x_7 +2.000000x_8 \\
x_{18} & 19.0 \quad -1.000000x_{15} -1.000000x_2 -1.000000x_3 \qquad\qquad\qquad\qquad -2.000000x_6 +2.000000x_7 +5.000000x_8 \\
x_{19} & 4.0 \quad +1.500000x_{15} +0.500000x_2 +7.500000x_3 +3.000000x_4 -6.500000x_5 +4.500000x_6 -4.500000x_7 -5.500000x_8 \\
x_{20} & 9.0 \quad\qquad\quad +2.000000x_2 +3.000000x_3 -1.000000x_4 +1.000000x_5 +2.000000x_6 +1.000000x_7 +3.000000x_8 \\
x_{21} & 8.0 \quad +1.500000x_{15} -1.500000x_2 +3.500000x_3 \qquad\qquad -3.500000x_5 +1.500000x_6 -1.500000x_7 -3.500000x_8 \\
x_{22} & 11.0 \quad +0.500000x_{15} +2.500000x_2 -1.500000x_3 -3.000000x_4 -1.500000x_5 -2.500000x_6 -0.500000x_7 -4.500000x_8 \\
x_{23} & 17.0 \quad -1.500000x_{15} -2.500000x_2 -2.500000x_3 \qquad\qquad +7.500000x_5 +0.500000x_6 +1.500000x_7 +2.500000x_8 \\
\hline
z & 2.0 \quad -0.500000x_{15} +1.500000x_2 -0.500000x_3 +1.000000x_4 +1.500000x_5 -1.500000x_6 +0.500000x_7 +1.500000x_8
\end{array}
$$

x_2 enters and x_1 leaves

$$
\begin{array}{c|l}
x_9 & 13.0 \quad -2.000000x_{15} -3.000000x_1 -9.000000x_3 \qquad\qquad +5.000000x_5 \qquad\qquad +3.000000x_7 +7.000000x_8 \\
x_{10} & 0.0 \quad +1.000000x_{15} +5.000000x_1 +6.000000x_3 +1.000000x_4 -6.000000x_5 -2.000000x_6 -4.000000x_7 -5.000000x_8 \\
x_{11} & 9.0 \quad -2.000000x_{15} -2.000000x_1 -6.000000x_3 +2.000000x_4 +5.000000x_5 +1.000000x_6 +3.000000x_7 +3.000000x_8 \\
x_{12} & 16.0 \quad -3.000000x_{15} -7.000000x_1 -8.000000x_3 -2.000000x_4 +12.000000x_5 -2.000000x_6 +6.000000x_7 +12.000000x_8 \\
x_{13} & 2.0 \quad +2.000000x_{15} +7.000000x_1 +4.000000x_3 \qquad\qquad -8.000000x_5 +5.000000x_6 -3.000000x_7 -8.000000x_8 \\
x_{14} & 27.0 \quad -3.000000x_{15} -9.000000x_1 -9.000000x_3 +1.000000x_4 +9.000000x_5 -4.000000x_6 +11.000000x_7 +7.000000x_8 \\
x_2 & 4.0 \quad -1.000000x_{15} -2.000000x_1 -3.000000x_3 \qquad\qquad +3.000000x_5 -1.000000x_6 +3.000000x_7 +3.000000x_8 \\
x_{16} & 5.0 \quad +2.000000x_{15} +4.000000x_1 +4.000000x_3 -1.000000x_4 -7.000000x_5 -1.000000x_6 -4.000000x_7 -4.000000x_8 \\
x_{17} & 11.0 \quad -2.000000x_{15} -4.000000x_1 -8.000000x_3 +1.000000x_4 +9.000000x_5 -4.000000x_6 +8.000000x_7 +8.000000x_8 \\
x_{18} & 15.0 \quad\qquad\quad +2.000000x_1 +2.000000x_3 \qquad\qquad -3.000000x_5 -1.000000x_6 -1.000000x_7 +2.000000x_8 \\
x_{19} & 6.0 \quad +1.000000x_{15} -1.000000x_1 +6.000000x_3 +3.000000x_4 -5.000000x_5 +4.000000x_6 -3.000000x_7 -4.000000x_8 \\
x_{20} & 17.0 \quad -2.000000x_{15} -4.000000x_1 -3.000000x_3 -1.000000x_4 +7.000000x_5 \qquad\qquad +7.000000x_7 +9.000000x_8 \\
x_{21} & 2.0 \quad +3.000000x_{15} +3.000000x_1 +8.000000x_3 \qquad\qquad -8.000000x_5 +3.000000x_6 -6.000000x_7 -8.000000x_8 \\
x_{22} & 21.0 \quad -2.000000x_{15} -5.000000x_1 -9.000000x_3 -3.000000x_4 +6.000000x_5 -5.000000x_6 +7.000000x_7 +3.000000x_8 \\
x_{23} & 7.0 \quad +1.000000x_{15} +5.000000x_1 +5.000000x_3 \qquad\qquad\qquad\qquad +3.000000x_6 -6.000000x_7 -5.000000x_8 \\
\hline
z & 8.0 \quad -2.000000x_{15} -3.000000x_1 -5.000000x_3 +1.000000x_4 +6.000000x_5 -3.000000x_6 +5.000000x_7 +6.000000x_8
\end{array}
$$

x_4 enters and x_{16} leaves

		x_{15}	x_1	x_3	x_{16}	x_5	x_6	x_7	
x_9	13.0	$-2.000000x_{15}$	$-3.000000x_1$	$-9.000000x_3$		$+5.000000x_5$		$+3.000000x_7$	$+7.000000x$
x_{10}	5.0	$+3.000000x_{15}$	$+9.000000x_1$	$+10.000000x_3$	$-1.000000x_{16}$	$-13.000000x_5$	$-3.000000x_6$	$-8.000000x_7$	$-9.000000x$
x_{11}	19.0	$+2.000000x_{15}$	$+6.000000x_1$	$+2.000000x_3$	$-2.000000x_{16}$	$-9.000000x_5$	$-1.000000x_6$	$-5.000000x_7$	$-5.000000x$
x_{12}	6.0	$-7.000000x_{15}$	$-15.000000x_1$	$-16.000000x_3$	$+2.000000x_{16}$	$+26.000000x_5$		$+14.000000x_7$	$+20.00000x$
x_{13}	2.0	$+2.000000x_{15}$	$+7.000000x_1$	$+4.000000x_3$		$-8.000000x_5$	$+5.000000x_6$	$-3.000000x_7$	$-8.000000x$
x_{14}	32.0	$-1.000000x_{15}$	$-5.000000x_1$	$-5.000000x_3$	$-1.000000x_{16}$	$+2.000000x_5$	$-5.000000x_6$	$+7.000000x_7$	$+3.000000x$
x_2	4.0	$-1.000000x_{15}$	$-2.000000x_1$	$-3.000000x_3$		$+3.000000x_5$	$-1.000000x_6$	$+3.000000x_7$	$+3.000000x$
x_4	5.0	$+2.000000x_{15}$	$+4.000000x_1$	$+4.000000x_3$	$-1.000000x_{16}$	$-7.000000x_5$	$-1.000000x_6$	$-4.000000x_7$	$-4.000000x$
x_{17}	16.0			$-4.000000x_3$	$-1.000000x_{16}$	$+2.000000x_5$	$-5.000000x_6$	$+4.000000x_7$	$+4.000000x$
x_{18}	15.0		$+2.000000x_1$	$+2.000000x_3$		$-3.000000x_5$	$-1.000000x_6$	$-1.000000x_7$	$+2.000000x$
x_{19}	21.0	$+7.000000x_{15}$	$+11.000000x_1$	$+18.000000x_3$	$-3.000000x_{16}$	$-26.000000x_5$	$+1.000000x_6$	$-15.000000x_7$	$-16.00000x$
x_{20}	12.0	$-4.000000x_{15}$	$-8.000000x_1$	$-7.000000x_3$	$+1.000000x_{16}$	$+14.000000x_5$	$+1.000000x_6$	$+11.000000x_7$	$+13.00000x$
x_{21}	2.0	$+3.000000x_{15}$	$+3.000000x_1$	$+8.000000x_3$		$-8.000000x_5$	$+3.000000x_6$	$-6.000000x_7$	$-8.000000x$
x_{22}	6.0	$-8.000000x_{15}$	$-17.000000x_1$	$-21.000000x_3$	$+3.000000x_{16}$	$+27.000000x_5$	$-2.000000x_6$	$+19.000000x_7$	$+15.00000x$
x_{23}	7.0	$+1.000000x_{15}$	$+5.000000x_1$	$+5.000000x_3$			$+3.000000x_6$	$-6.000000x_7$	$-5.000000x$
z	13.0		$+1.000000x_1$	$-1.000000x_3$	$-1.000000x_{16}$	$-1.000000x_5$	$-4.000000x_6$	$+1.000000x_7$	$+2.000000x$

x_1 enters and x_{22} leaves

		x_{15}	x_{22}	x_3	x_{16}	x_5	x_6	x_7	
x_9	11.9411764706	$-0.588235x_{15}$	$+0.176471x_{22}$	$-5.294118x_3$	$-0.529412x_{16}$	$+0.235294x_5$	$+0.352941x_6$	$-0.352941x_7$	$+4.3$
x_{10}	8.17647058824	$-1.235294x_{15}$	$-0.529412x_{22}$	$-1.117647x_3$	$+0.588235x_{16}$	$+1.294118x_5$	$-4.058824x_6$	$+2.058824x_7$	-1.0
x_{11}	21.1176470588	$-0.823529x_{15}$	$-0.352941x_{22}$	$-5.411765x_3$	$-0.941176x_{16}$	$+0.529412x_5$	$-1.705882x_6$	$+1.705882x_7$	$+0.2$
x_{12}	0.705882352941	$+0.058824x_{15}$	$+0.882353x_{22}$	$+2.529412x_3$	$-0.647059x_{16}$	$+2.176471x_5$	$+1.764706x_6$	$-2.764706x_7$	$+6.7$
x_{13}	4.47058823529	$-1.294118x_{15}$	$-0.411765x_{22}$	$-4.647059x_3$	$+1.235294x_{16}$	$+3.117647x_5$	$+4.176471x_6$	$+4.823529x_7$	-1.8
x_{14}	30.2352941176	$+1.352941x_{15}$	$+0.294118x_{22}$	$+1.176471x_3$	$-1.882353x_{16}$	$-5.941176x_5$	$-4.411765x_6$	$+1.411765x_7$	-1.4
x_2	3.29411764706	$-0.058824x_{15}$	$+0.117647x_{22}$	$-0.529412x_3$	$-0.352941x_{16}$	$-0.176471x_5$	$-0.764706x_6$	$+0.764706x_7$	$+1.2$
x_4	6.41176470588	$+0.117647x_{15}$	$-0.235294x_{22}$	$-0.941176x_3$	$-0.294118x_{16}$	$-0.647059x_5$	$-1.470588x_6$	$+0.470588x_7$	-0.4
x_{17}	16.0			$-4.000000x_3$	$-1.000000x_{16}$	$+2.000000x_5$	$-5.000000x_6$	$+4.000000x_7$	$+4.0$
x_{18}	15.7058823529	$-0.941176x_{15}$	$-0.117647x_{22}$	$-0.470588x_3$	$+0.352941x_{16}$	$+0.176471x_5$	$-1.235294x_6$	$+1.235294x_7$	$+3.7$
x_{19}	24.8823529412	$+1.823529x_{15}$	$-0.647059x_{22}$	$+4.411765x_3$	$-1.058824x_{16}$	$-8.529412x_5$	$-0.294118x_6$	$-2.705882x_7$	-6.2
x_{20}	9.17647058824	$-0.235294x_{15}$	$+0.470588x_{22}$	$+2.882353x_3$	$-0.411765x_{16}$	$+1.294118x_5$	$+1.941176x_6$	$+2.058824x_7$	$+5.9$
x_{21}	3.05882352941	$+1.588235x_{15}$	$-0.176471x_{22}$	$+4.294118x_3$	$+0.529412x_{16}$	$-3.235294x_5$	$+2.647059x_6$	$-2.647059x_7$	-5.3
x_1	0.352941176471	$-0.470588x_{15}$	$-0.058824x_{22}$	$-1.235294x_3$	$+0.176471x_{16}$	$+1.588235x_5$	$-0.117647x_6$	$+1.117647x_7$	$+0.8$
x_{23}	8.76470588235	$-1.352941x_{15}$	$-0.294118x_{22}$	$-1.176471x_3$	$+0.882353x_{16}$	$+7.941176x_5$	$+2.411765x_6$	$-0.411765x_7$	-0.5
z	13.3529411765	$-0.470588x_{15}$	$-0.058824x_{22}$	$-2.235294x_3$	$-0.823529x_{16}$	$+0.588235x_5$	$-4.117647x_6$	$+2.117647x_7$	$+2.8$

x_5 enters and x_{21} leaves

x_9	12.1636363636	$-0.472727x_{15} +0.163636x_{22} -4.981818x_3 -0.490909x_{16} -0.072727x_{21} +0.545455x_6 -0.545455x_7 +3$
x_{10}	9.4	$-0.600000x_{15} -0.600000x_{22} +0.600000x_3 +0.800000x_{16} -0.400000x_{21} -3.000000x_6 +1.000000x_7 -3$
x_{11}	21.6181818182	$-0.563636x_{15} -0.381818x_{22} -4.709091x_3 -0.854545x_{16} -0.163636x_{21} -1.272727x_6 +1.272727x_7 -0$
x_{12}	2.76363636364	$+1.127273x_{15} +0.763636x_{22} +5.418182x_3 -0.290909x_{16} -0.672727x_{21} +3.545455x_6 -4.545455x_7 +3$
x_{13}	7.41818181818	$+0.236364x_{15} -0.581818x_{22} -0.509091x_3 +1.745455x_{16} -0.963636x_{21} +6.727273x_6 +2.272727x_7 -6$
x_{14}	24.6181818182	$-1.563636x_{15} +0.618182x_{22} -6.709091x_3 -2.854545x_{16} +1.836364x_{21} -9.272727x_6 +6.272727x_7 +8$
x_2	3.12727272727	$-0.145455x_{15} +0.127273x_{22} -0.763636x_3 -0.381818x_{16} +0.054545x_{21} -0.909091x_6 +0.909091x_7 +1$
x_4	5.8	$-0.200000x_{15} -0.200000x_{22} -1.800000x_3 -0.400000x_{16} +0.200000x_{21} -2.000000x_6 +1.000000x_7 +0$
x_{17}	17.8909090909	$+0.981818x_{15} -0.109091x_{22} -1.345455x_3 -0.672727x_{16} -0.618182x_{21} -3.363636x_6 +2.363636x_7 +0$
x_{18}	15.8727272727	$-0.854545x_{15} -0.127273x_{22} -0.236364x_3 +0.381818x_{16} -0.054545x_{21} -1.090909x_6 +1.090909x_7 +3$
x_{19}	16.8181818182	$-2.363636x_{15} -0.181818x_{22} -6.909091x_3 -2.454545x_{16} +2.636364x_{21} -7.272727x_6 +4.272727x_7 +7$
x_{20}	10.4	$+0.400000x_{15} +0.400000x_{22} +4.600000x_3 -0.200000x_{16} -0.400000x_{21} +3.000000x_6 +1.000000x_7 +3$
x_5	0.945454545455	$+0.490909x_{15} -0.054545x_{22} +1.327273x_3 +0.163636x_{16} -0.309091x_{21} +0.818182x_6 -0.818182x_7 -1$
x_1	1.85454545455	$+0.309091x_{15} -0.145455x_{22} +0.872727x_3 +0.436364x_{16} -0.490909x_{21} +1.181818x_6 -0.181818x_7 -1$
x_{23}	16.2727272727	$+2.545455x_{15} -0.727273x_{22} +9.363636x_3 +2.181818x_{16} -2.454545x_{21} +8.909091x_6 -6.909091x_7 -1$
z	13.9090909091	$-0.181818x_{15} -0.090909x_{22} -1.454545x_3 -0.727273x_{16} -0.181818x_{21} -3.636364x_6 +1.636364x_7 +1$

x_7 enters and x_{12} leaves

x_9	11.832	$-0.608000x_{15} +0.072000x_{22} -5.632000x_3 -0.456000x_{16} +0.008000x_{21} +0.120000x_6 +0.120000x_{12} +3.584000x$
x_{10}	10.008	$-0.352000x_{15} -0.432000x_{22} +1.792000x_3 +0.736000x_{16} -0.548000x_{21} -2.220000x_6 -0.220000x_{12} -2.504000x$
x_{11}	22.392	$-0.248000x_{15} -0.168000x_{22} -3.192000x_3 -0.936000x_{16} -0.352000x_{21} -0.280000x_6 -0.280000x_{12} +0.304000x$
x_7	0.608	$+0.248000x_{15} +0.168000x_{22} +1.192000x_3 -0.064000x_{16} -0.148000x_{21} +0.780000x_6 -0.220000x_{12} +0.696000x$
x_{13}	8.8	$+0.800000x_{15} -0.200000x_{22} +2.200000x_3 +1.600000x_{16} -1.300000x_{21} +8.500000x_6 -0.500000x_{12} -5.400000x$
x_{14}	28.432	$-0.008000x_{15} +1.672000x_{22} +0.768000x_3 -3.256000x_{16} +0.908000x_{21} -4.380000x_6 -1.380000x_{12} +12.784000$
x_2	3.68	$+0.080000x_{15} +0.280000x_{22} +0.320000x_3 -0.440000x_{16} -0.080000x_{21} -0.200000x_6 -0.200000x_{12} +2.160000x$
x_4	6.408	$+0.048000x_{15} -0.032000x_{22} -0.608000x_3 -0.464000x_{16} +0.052000x_{21} -1.220000x_6 -0.220000x_{12} +1.296000x$
x_{17}	19.328	$+1.568000x_{15} +0.288000x_{22} +1.472000x_3 -0.824000x_{16} -0.968000x_{21} -1.520000x_6 -0.520000x_{12} +2.336000x$
x_{18}	16.536	$-0.584000x_{15} +0.056000x_{22} +1.064000x_3 +0.312000x_{16} -0.216000x_{21} -0.240000x_6 -0.240000x_{12} +4.232000x$
x_{19}	19.416	$-1.304000x_{15} +0.536000x_{22} -1.816000x_3 -2.728000x_{16} +2.004000x_{21} -3.940000x_6 -0.940000x_{12} +10.792000$
x_{20}	11.008	$+0.648000x_{15} +0.568000x_{22} +5.792000x_3 -0.264000x_{16} -0.548000x_{21} +3.780000x_6 -0.220000x_{12} +4.496000x$
x_5	0.448	$+0.288000x_{15} -0.192000x_{22} +0.352000x_3 +0.216000x_{16} -0.188000x_{21} +0.180000x_6 +0.180000x_{12} -2.224000x$
x_1	1.744	$+0.264000x_{15} -0.176000x_{22} +0.656000x_3 +0.448000x_{16} -0.464000x_{21} +1.040000x_6 +0.040000x_{12} -1.872000x$
x_{23}	12.072	$+0.832000x_{15} -1.888000x_{22} +1.128000x_3 +2.624000x_{16} -1.432000x_{21} +3.520000x_6 +1.520000x_{12} -18.536000$
z	14.904	$+0.224000x_{15} +0.184000x_{22} +0.496000x_3 -0.832000x_{16} -0.424000x_{21} -2.360000x_6 -0.360000x_{12} +3.048000x$

x_3 enters and x_9 leaves

x_3	2.10085227273	$-0.107955x_{15} +0.012784x_{22} -0.177557x_9 -0.080966x_{16} +0.001420x_{21} +0.021307x_6 +0.021307x_{12} +0$
x_{10}	13.7727272727	$-0.545455x_{15} -0.409091x_{22} -0.318182x_9 +0.590909x_{16} -0.545455x_{21} -2.181818x_6 -0.181818x_{12} -1$
x_{11}	15.6860795455	$+0.096591x_{15} -0.208807x_{22} +0.566761x_9 -0.677557x_{16} -0.356534x_{21} -0.348011x_6 -0.348011x_{12} -1$
x_7	3.11221590909	$+0.119318x_{15} +0.183239x_{22} -0.211648x_9 -0.160511x_{16} -0.146307x_{21} +0.805398x_6 -0.194602x_{12} +1$
x_{13}	13.421875	$+0.562500x_{15} -0.171875x_{22} -0.390625x_9 +1.421875x_{16} -1.296875x_{21} +8.546875x_6 -0.453125x_{12} -4$
x_{14}	30.0454545455	$-0.090909x_{15} +1.681818x_{22} -0.136364x_9 -3.318182x_{16} +0.909091x_{21} -4.363636x_6 -1.363636x_{12} +13$
x_2	4.35227272727	$+0.045455x_{15} +0.284091x_{22} -0.056818x_9 -0.465909x_{16} -0.079545x_{21} -0.193182x_6 -0.193182x_{12} +2$
x_4	5.13068181818	$+0.113636x_{15} -0.039773x_{22} +0.107955x_9 -0.414773x_{16} +0.051136x_{21} -1.232955x_6 -0.232955x_{12} +0$
x_{17}	22.4204545455	$+1.409091x_{15} +0.306818x_{22} -0.261364x_9 -0.943182x_{16} -0.965909x_{21} -1.488636x_6 -0.488636x_{12} +3$
x_{18}	18.7713068182	$-0.698864x_{15} +0.069602x_{22} -0.188920x_9 +0.225852x_{16} -0.214489x_{21} -0.217330x_6 -0.217330x_{12} +4$
x_{19}	15.6008522727	$-1.107955x_{15} +0.512784x_{22} +0.322443x_9 -2.580966x_{16} +2.001420x_{21} -3.978693x_6 -0.978693x_{12} +9$
x_{20}	23.1761363636	$+0.022727x_{15} +0.642045x_{22} -1.028409x_9 -0.732955x_{16} -0.539773x_{21} +3.903409x_6 -0.096591x_{12} +8$
x_5	1.1875	$+0.250000x_{15} -0.187500x_{22} -0.062500x_9 +0.187500x_{16} -0.187500x_{21} +0.187500x_6 +0.187500x_{12} -2$
x_1	3.12215909091	$+0.193182x_{15} -0.167614x_{22} -0.116477x_9 +0.394886x_{16} -0.463068x_{21} +1.053977x_6 +0.053977x_{12} -1$
x_{23}	14.4417613636	$+0.710227x_{15} -1.873580x_{22} -0.200284x_9 +2.532670x_{16} -1.430398x_{21} +3.544034x_6 +1.544034x_{12} -17$
z	15.9460227273	$+0.170455x_{15} +0.190341x_{22} -0.088068x_9 -0.872159x_{16} -0.423295x_{21} -2.349432x_6 -0.349432x_{12} +3$

x_8 enters and x_5 leaves

x_3	2.47869318182	$-0.028409x_{15} -0.046875x_{22} -0.197443x_9 -0.021307x_{16} -0.058239x_{21} +0.080966x_6 +0.080966x_{12} -0.$
x_{10}	12.9630681818	$-0.715909x_{15} -0.281250x_{22} -0.275568x_9 +0.463068x_{16} -0.417614x_{21} -2.309659x_6 -0.309659x_{12} +0.$
x_{11}	14.6605113636	$-0.119318x_{15} -0.046875x_{22} +0.620739x_9 -0.839489x_{16} -0.194602x_{21} -0.509943x_6 -0.509943x_{12} +0.$
x_7	3.97585227273	$+0.301136x_{15} +0.046875x_{22} -0.257102x_9 -0.024148x_{16} -0.282670x_{21} +0.941761x_6 -0.058239x_{12} -0.$
x_{13}	11.046875	$+0.062500x_{15} +0.203125x_{22} -0.265625x_9 +1.046875x_{16} -0.921875x_{21} +8.171875x_6 -0.828125x_{12} +2.$
x_{14}	37.9261363636	$+1.568182x_{15} +0.437500x_{22} -0.551136x_9 -2.073864x_{16} -0.335227x_{21} -3.119318x_6 -0.119318x_{12} -6.$
x_2	5.75568181818	$+0.340909x_{15} +0.062500x_{22} -0.130682x_9 -0.244318x_{16} -0.301136x_{21} +0.028409x_6 +0.028409x_{12} -1.$
x_4	5.67045454545	$+0.227273x_{15} -0.125000x_{22} +0.079545x_9 -0.329545x_{16} -0.034091x_{21} -1.147727x_6 -0.147727x_{12} -0.$
x_{17}	24.3636363636	$+1.818182x_{15} +0.000000x_{22} -0.363636x_9 -0.636364x_{16} -1.272727x_{21} -1.181818x_6 -0.181818x_{12} -1.$
x_{18}	21.6860795455	$-0.085227x_{15} -0.390625x_{22} -0.342330x_9 +0.686080x_{16} -0.674716x_{21} +0.242898x_6 +0.242898x_{12} -2.$
x_{19}	21.3224431818	$+0.096591x_{15} -0.390625x_{22} +0.021307x_9 -1.677557x_{16} +1.098011x_{21} -3.075284x_6 -0.075284x_{12} -4.$
x_{20}	28.0340909091	$+1.045455x_{15} -0.125000x_{22} -1.284091x_9 +0.034091x_{16} -1.306818x_{21} +4.670455x_6 +0.670455x_{12} -4.$
x_8	0.59375	$+0.125000x_{15} -0.093750x_{22} -0.031250x_9 +0.093750x_{16} -0.093750x_{21} +0.093750x_6 +0.093750x_{12} -0.$
x_1	2.25852272727	$+0.011364x_{15} -0.031250x_{22} -0.071023x_9 +0.258523x_{16} -0.326705x_{21} +0.917614x_6 -0.082386x_{12} +0.$
x_{23}	3.86221590909	$-1.517045x_{15} -0.203125x_{22} +0.356534x_9 +0.862216x_{16} +0.240057x_{21} +1.873580x_6 -0.126420x_{12} +8.$
z	17.9431818182	$+0.590909x_{15} -0.125000x_{22} -0.193182x_9 -0.556818x_{16} -0.738636x_{21} -2.034091x_6 -0.034091x_{12} -1.$

x_{15} enters and x_{23} leaves

x_3	2.4063670412	$+0.018727x_{23}$	$-0.043071x_{22}$	$-0.204120x_9$	$-0.037453x_{16}$	$-0.062734x_{21}$	$+0.045880x_6$	$+0.083333x_{12}$	-0
x_{10}	11.1404494382	$+0.471910x_{23}$	$-0.185393x_{22}$	$-0.443820x_9$	$+0.056180x_{16}$	$-0.530899x_{21}$	$-3.193820x_6$	$-0.250000x_{12}$	-3
x_{11}	14.356741573	$+0.078652x_{23}$	$-0.030899x_{22}$	$+0.592697x_9$	$-0.907303x_{16}$	$-0.213483x_{21}$	$-0.657303x_6$	$-0.500000x_{12}$	$+0$
x_7	4.7425093633	$-0.198502x_{23}$	$+0.006554x_{22}$	$-0.186330x_9$	$+0.147004x_{16}$	$-0.235019x_{21}$	$+1.313670x_6$	$-0.083333x_{12}$	$+1$
x_{13}	11.2059925094	$-0.041199x_{23}$	$+0.194757x_{22}$	$-0.250936x_9$	$+1.082397x_{16}$	$-0.911985x_{21}$	$+8.249064x_6$	$-0.833333x_{12}$	$+2$
x_{14}	41.9185393258	$-1.033708x_{23}$	$+0.227528x_{22}$	$-0.182584x_9$	$-1.182584x_{16}$	$-0.087079x_{21}$	$-1.182584x_6$	$-0.250000x_{12}$	$+2$
x_2	6.62359550562	$-0.224719x_{23}$	$+0.016854x_{22}$	$-0.050562x_9$	$-0.050562x_{16}$	$-0.247191x_{21}$	$+0.449438x_6$	$+0.000000x_{12}$	$+0$
x_4	6.24906367041	$-0.149813x_{23}$	$-0.155431x_{22}$	$+0.132959x_9$	$-0.200375x_{16}$	$+0.001873x_{21}$	$-0.867041x_6$	$-0.166667x_{12}$	$+0$
x_{17}	28.9925093633	$-1.198502x_{23}$	$-0.243446x_{22}$	$+0.063670x_9$	$+0.397004x_{16}$	$-0.985019x_{21}$	$+1.063670x_6$	$-0.333333x_{12}$	$+9$
x_{18}	21.4691011236	$+0.056180x_{23}$	$-0.379213x_{22}$	$-0.362360x_9$	$+0.637640x_{16}$	$-0.688202x_{21}$	$+0.137640x_6$	$+0.250000x_{12}$	-2
x_{19}	21.5683520599	$-0.063670x_{23}$	$-0.403558x_{22}$	$+0.044007x_9$	$-1.622659x_{16}$	$+1.113296x_{21}$	$-2.955993x_6$	$-0.083333x_{12}$	-4
x_{20}	30.6956928839	$-0.689139x_{23}$	$-0.264981x_{22}$	$-1.038390x_9$	$+0.628277x_{16}$	$-1.141386x_{21}$	$+5.961610x_6$	$+0.583333x_{12}$	$+2$
x_8	0.911985018727	$-0.082397x_{23}$	$-0.110487x_{22}$	$-0.001873x_9$	$+0.164794x_{16}$	$-0.073970x_{21}$	$+0.248127x_6$	$+0.083333x_{12}$	$+0$
x_1	2.28745318352	$-0.007491x_{23}$	$-0.032772x_{22}$	$-0.068352x_9$	$+0.264981x_{16}$	$-0.324906x_{21}$	$+0.931648x_6$	$-0.083333x_{12}$	$+0$
x_{15}	2.54588014981	$-0.659176x_{23}$	$-0.133895x_{22}$	$+0.235019x_9$	$+0.568352x_{16}$	$+0.158240x_{21}$	$+1.235019x_6$	$-0.083333x_{12}$	$+5$
z	19.4475655431	$-0.389513x_{23}$	$-0.204120x_{22}$	$-0.054307x_9$	$-0.220974x_{16}$	$-0.645131x_{21}$	$-1.304307x_6$	$-0.083333x_{12}$	$+1$

x_5 enters and x_{10} leaves

x_3	0.872408293461	$-0.046252x_{23}$	$-0.017544x_{22}$	$-0.143009x_9$	$-0.045189x_{16}$	$+0.010367x_{21}$	$+0.485646x_6$	$+0.117757x_{12}$	$+0$
x_5	3.16267942584	$+0.133971x_{23}$	$-0.052632x_{22}$	$-0.125997x_9$	$+0.015949x_{16}$	$-0.150718x_{21}$	$-0.906699x_6$	$-0.070973x_{12}$	-0
x_{11}	14.8720095694	$+0.100478x_{23}$	$-0.039474x_{22}$	$+0.572169x_9$	$-0.904705x_{16}$	$-0.238038x_{21}$	$-0.805024x_6$	$-0.511563x_{12}$	-0
x_7	8.03548644338	$-0.059011x_{23}$	$-0.048246x_{22}$	$-0.317517x_9$	$+0.163610x_{16}$	$-0.391946x_{21}$	$+0.369617x_6$	$-0.157230x_{12}$	-0
x_{13}	18.692185008	$+0.275917x_{23}$	$+0.070175x_{22}$	$-0.549176x_9$	$+1.120149x_{16}$	$-1.268740x_{21}$	$+6.102871x_6$	$-1.001329x_{12}$	-0
x_{14}	50.0562200957	$-0.688995x_{23}$	$+0.092105x_{22}$	$-0.506778x_9$	$-1.141547x_{16}$	$-0.474880x_{21}$	$-3.515550x_6$	$-0.432616x_{12}$	-0
x_2	9.21770334928	$-0.114833x_{23}$	$-0.026316x_{22}$	$-0.153907x_9$	$-0.037480x_{16}$	$-0.370813x_{21}$	$-0.294258x_6$	$-0.058214x_{12}$	-0
x_4	9.0326953748	$-0.031898x_{23}$	$-0.201754x_{22}$	$+0.022063x_9$	$-0.186337x_{16}$	$-0.130781x_{21}$	$-1.665072x_6$	$-0.229133x_{12}$	-0
x_{17}	57.5869218501	$+0.012759x_{23}$	$-0.719298x_{22}$	$-1.075492x_9$	$+0.541201x_{16}$	$-2.347687x_{21}$	$-7.133971x_6$	$-0.975013x_{12}$	-2
x_{18}	12.1232057416	$-0.339713x_{23}$	$-0.223684x_{22}$	$+0.009968x_9$	$+0.590510x_{16}$	$-0.242823x_{21}$	$+2.816986x_6$	$+0.459729x_{12}$	$+0$
x_{19}	8.12400318979	$-0.633174x_{23}$	$-0.179825x_{22}$	$+0.579612x_9$	$-1.690457x_{16}$	$+1.753987x_{21}$	$+0.898325x_6$	$+0.218368x_{12}$	$+1$
x_{20}	37.1750398724	$-0.414673x_{23}$	$-0.372807x_{22}$	$-1.296518x_9$	$+0.660952x_{16}$	$-1.450159x_{21}$	$+4.104067x_6$	$+0.437932x_{12}$	-0
x_8	1.65231259968	$-0.051037x_{23}$	$-0.122807x_{22}$	$-0.031366x_9$	$+0.168527x_{16}$	$-0.109250x_{21}$	$+0.035885x_6$	$+0.066720x_{12}$	-0
x_1	4.79864433812	$+0.098884x_{23}$	$-0.074561x_{22}$	$-0.168394x_9$	$+0.277645x_{16}$	$-0.444577x_{21}$	$+0.211722x_6$	$-0.139686x_{12}$	-0
x_{15}	21.1192185008	$+0.127592x_{23}$	$-0.442982x_{22}$	$-0.504918x_9$	$+0.662015x_{16}$	$-0.726874x_{21}$	$-4.089713x_6$	$-0.500133x_{12}$	-1
z	25.1036682616	$-0.149920x_{23}$	$-0.298246x_{22}$	$-0.279638x_9$	$-0.192451x_{16}$	$-0.914673x_{21}$	$-2.925837x_6$	$-0.210260x_{12}$	-0

x_{-1} enters and Final Dictionary Solution: 25.1036682616 Num Pivots: 10