x_{15}	7.0	$-1.000000x_1$		$+2.000000x_3$	$+2.000000x_4$	$-2.000000x_5$	$-3.000000x_6$	$-2.000000x_7$	$+1.000000x_8$ -2.00
x_{16}	4.0	$+2.000000x_1$	$+2.000000x_2$	$+3.000000x_3$	$+1.000000x_4$	$+3.000000x_5$		$+3.000000x_7$	$+1.000000x_8$ -3.00
x_{17}	1.0	$+2.000000x_1$	$+1.000000x_2$	$+1.000000x_3$	$-1.000000x_4$	$+1.000000x_5$	$-2.000000x_6$	$+3.000000x_7$	$-1.000000x_8$ -2.00
x_{18}	15.0	$-3.000000x_1$	$+2.000000x_2$	$+1.000000x_3$	$-1.000000x_4$		$-1.000000x_6$		$+2.000000x_8$
x_{19}	7.0	$-1.000000x_1$	$-3.000000x_2$	$+3.000000x_3$	$-2.000000x_4$	$-2.000000x_5$	$-2.000000x_6$	$+3.000000x_7$	-2.00
x_{20}	10.0	$-3.000000x_1$	$-2.000000x_2$	$-2.000000x_3$	$-3.000000x_4$		$+1.000000x_6$	$+1.000000x_7$	$+2.000000x_8$ -2.00
x_{21}	3.0		$+3.000000x_2$	$-2.000000x_3$	$-1.000000x_4$	$-2.000000x_5$	$+1.000000x_6$	$+2.000000x_7$	$-3.000000x_8$ $+1.00$
x_{22}	14.0	$+1.000000x_1$	$+1.000000x_2$	$+1.000000x_3$		$+2.000000x_5$	$+2.000000x_6$		$-3.000000x_8$ $+1.00$
x_{23}	14.0	$+3.000000x_1$	$+3.000000x_2$	$-2.000000x_3$	$-3.000000x_4$	$-2.000000x_5$	$+1.000000x_6$	$-1.000000x_7$	$+1.000000x_8$ -2.00
x_{24}	3.0		$+1.000000x_2$	$+1.000000x_3$	$-1.000000x_4$	$-3.000000x_5$	$-3.000000x_6$	$-3.000000x_7$	
x_{25}	12.0	$+3.000000x_1$	$+2.000000x_2$	$-2.000000x_3$	$-2.000000x_4$	$+2.000000x_5$		$-2.000000x_7$	$-2.000000x_8$
x_{26}	3.0	$-3.000000x_1$	$-3.000000x_2$	$+2.000000x_3$	$+1.000000x_4$	$-3.000000x_5$	$-3.000000x_6$	$+2.000000x_7$	$-2.000000x_8$ -2.00
x_{27}	8.0	$-1.000000x_1$	$-1.000000x_2$	$+3.000000x_3$	$-3.000000x_4$	$+3.000000x_5$	$+2.000000x_6$	$+1.000000x_7$	$+3.000000x_8$ $+3.00$
x_{28}	15.0	$-3.000000x_1$	$-1.000000x_2$	$+3.000000x_3$	$+1.000000x_4$	$+2.000000x_5$		$+3.000000x_7$	$+2.000000x_8$ -1.00
x_{29}	4.0	$-3.000000x_1$	$+3.000000x_2$	$+1.000000x_3$	$+2.000000x_4$		$+2.000000x_6$	$+1.000000x_7$	$-3.000000x_8$ $+2.00$
z	0.0	$-2.000000x_1$	$-2.000000x_2$	$-2.000000x_3$	$-1.000000x_4$	$+2.000000x_5$	$-2.000000x_6$	$-1.000000x_7$	$+1.000000x_8$

No initialization required –¿ Proceed to Optimize.

x_{15}	7.0	$-1.000000x_1$		$+2.000000x_3$	$+2.000000x_4$	$-2.000000x_5$	$-3.000000x_6$	$-2.000000x_7$	$+1.000000x_8$ -2.00
x_{16}	4.0	$+2.000000x_1$	$+2.000000x_2$	$+3.000000x_3$	$+1.000000x_4$	$+3.000000x_5$		$+3.000000x_7$	$+1.000000x_8$ -3.00
x_{17}	1.0	$+2.000000x_1$	$+1.000000x_2$	$+1.000000x_3$	$-1.000000x_4$	$+1.000000x_5$	$-2.000000x_6$	$+3.000000x_7$	$-1.000000x_8$ -2.00
x_{18}	15.0	$-3.000000x_1$	$+2.000000x_2$	$+1.000000x_3$	$-1.000000x_4$		$-1.000000x_6$		$+2.000000x_8$
x_{19}	7.0	$-1.000000x_1$	$-3.000000x_2$	$+3.000000x_3$	$-2.000000x_4$	$-2.000000x_5$	$-2.000000x_6$	$+3.000000x_7$	-2.00
x_{20}	10.0	$-3.000000x_1$	$-2.000000x_2$	$-2.000000x_3$	$-3.000000x_4$		$+1.000000x_6$	$+1.000000x_7$	$+2.000000x_8$ -2.00
x_{21}	3.0		$+3.000000x_2$	$-2.000000x_3$	$-1.000000x_4$	$-2.000000x_5$	$+1.000000x_6$	$+2.000000x_7$	$-3.000000x_8$ $+1.00$
x_{22}	14.0	$+1.000000x_1$	$+1.000000x_2$	$+1.000000x_3$		$+2.000000x_5$	$+2.000000x_6$		$-3.000000x_8$ $+1.00$
x_{23}	14.0	$+3.000000x_1$	$+3.000000x_2$	$-2.000000x_3$	$-3.000000x_4$	$-2.000000x_5$	$+1.000000x_6$	$-1.000000x_7$	$+1.000000x_8$ -2.00
x_{24}	3.0		$+1.000000x_2$	$+1.000000x_3$	$-1.000000x_4$	$-3.000000x_5$	$-3.000000x_6$	$-3.000000x_7$	
x_{25}	12.0	$+3.000000x_1$	$+2.000000x_2$	$-2.000000x_3$	$-2.000000x_4$	$+2.000000x_5$		$-2.000000x_7$	$-2.000000x_8$
x_{26}	3.0	$-3.000000x_1$	$-3.000000x_2$	$+2.000000x_3$	$+1.000000x_4$	$-3.000000x_5$	$-3.000000x_6$	$+2.000000x_7$	$-2.000000x_8$ -2.00
x_{27}	8.0	$-1.000000x_1$	$-1.000000x_2$	$+3.000000x_3$	$-3.000000x_4$	$+3.000000x_5$	$+2.000000x_6$	$+1.000000x_7$	$+3.000000x_8$ $+3.00$
x_{28}	15.0	$-3.000000x_1$	$-1.000000x_2$	$+3.000000x_3$	$+1.000000x_4$	$+2.000000x_5$		$+3.000000x_7$	$+2.000000x_8$ -1.00
x_{29}	4.0	$-3.000000x_1$	$+3.000000x_2$	$+1.000000x_3$	$+2.000000x_4$		$+2.000000x_6$	$+1.000000x_7$	$-3.000000x_8$ $+2.00$
z	0.0	$-2.000000x_1$	$-2.000000x_2$	$-2.000000x_3$	$-1.000000x_4$	$+2.000000x_5$	$-2.000000x_6$	$-1.000000x_7$	$+1.000000x_8$

x_5 enters and x_{24} leaves

x_{15}	5.0	$-1.000000x_1$	$-0.666667x_2$	$+1.333333x_3$	$+2.666667x_4$	$+0.666667x_{24}$	$-1.000000x_6$		$+1.000000x_8$ -2.0
x_{16}	7.0	$+2.000000x_1$	$+3.000000x_2$	$+4.000000x_3$		$-1.000000x_{24}$	$-3.000000x_6$		$+1.000000x_8$ -3.0
x_{17}	2.0	$+2.000000x_1$	$+1.333333x_2$	$+1.333333x_3$	$-1.333333x_4$	$-0.333333x_{24}$	$-3.000000x_6$	$+2.000000x_7$	$-1.000000x_8$ -2.0
x_{18}	15.0	$-3.000000x_1$	$+2.000000x_2$	$+1.000000x_3$	$-1.000000x_4$		$-1.000000x_6$		$+2.000000x_8$
x_{19}	5.0	$-1.000000x_1$	$-3.666667x_2$	$+2.333333x_3$	$-1.333333x_4$	$+0.666667x_{24}$		$+5.000000x_7$	-2.0
x_{20}	10.0	$-3.000000x_1$	$-2.000000x_2$	$-2.000000x_3$	$-3.000000x_4$		$+1.000000x_6$	$+1.000000x_7$	$+2.000000x_8$ -2.0
x_{21}	1.0		$+2.333333x_2$	$-2.666667x_3$	$-0.333333x_4$	$+0.666667x_{24}$	$+3.000000x_6$	$+4.000000x_7$	$-3.000000x_8$ $+1.0$
x_{22}	16.0	$+1.000000x_1$	$+1.666667x_2$	$+1.666667x_3$	$-0.666667x_4$	$-0.666667x_{24}$		$-2.000000x_7$	$-3.000000x_8$ $+1.0$
x_{23}	12.0	$+3.000000x_1$	$+2.333333x_2$	$-2.666667x_3$	$-2.333333x_4$	$+0.666667x_{24}$	$+3.000000x_6$	$+1.000000x_7$	$+1.000000x_8$ -2.0
x_5	1.0		$+0.333333x_2$	$+0.333333x_3$	$-0.333333x_4$	$-0.333333x_{24}$	$-1.000000x_6$	$-1.000000x_7$	
x_{25}	14.0	$+3.000000x_1$	$+2.666667x_2$	$-1.333333x_3$	$-2.666667x_4$	$-0.666667x_{24}$	$-2.000000x_6$	$-4.000000x_7$	$-2.000000x_8$
x_{26}	0.0	$-3.000000x_1$	$-4.000000x_2$	$+1.000000x_3$	$+2.000000x_4$	$+1.000000x_{24}$		$+5.000000x_7$	$-2.000000x_8$ -2.0
x_{27}	11.0	$-1.000000x_1$		$+4.000000x_3$	$-4.000000x_4$	$-1.000000x_{24}$	$-1.000000x_6$	$-2.000000x_7$	$+3.000000x_8$ $+3.0$
x_{28}	17.0	$-3.000000x_1$	$-0.333333x_2$	$+3.666667x_3$	$+0.333333x_4$	$-0.666667x_{24}$	$-2.000000x_6$	$+1.000000x_7$	$+2.000000x_8$ -1.0
x_{29}	4.0	$-3.000000x_1$	$+3.000000x_2$	$+1.000000x_3$	$+2.000000x_4$		$+2.000000x_6$	$+1.000000x_7$	$-3.000000x_8$ $+2.0$
z	2.0	$-2.000000x_1$	$-1.333333x_2$	$-1.333333x_3$	$-1.666667x_4$	$-0.666667x_{24}$	$-4.000000x_6$	$-3.000000x_7$	$+1.000000x_8$

x_8 enters and x_{26} leaves

x_{15}	5.0	$-2.500000x_1$	$-2.666667x_2$	$+1.833333x_3$	$+3.666667x_4$	$+1.166667x_{24}$	$-1.000000x_6$	$+2.500000x_7$	$-0.500000x_{26}$ $-3.$
x_{16}	7.0	$+0.500000x_1$	$+1.000000x_2$	$+4.500000x_3$	$+1.000000x_4$	$-0.500000x_{24}$	$-3.000000x_6$	$+2.500000x_7$	$-0.500000x_{26}$ $-4.$
x_{17}	2.0	$+3.500000x_1$	$+3.333333x_2$	$+0.833333x_3$	$-2.333333x_4$	$-0.833333x_{24}$	$-3.000000x_6$	$-0.500000x_7$	$+0.500000x_{26}$ $-1.$
x_{18}	15.0	$-6.000000x_1$	$-2.000000x_2$	$+2.000000x_3$	$+1.000000x_4$	$+1.000000x_{24}$	$-1.000000x_6$	$+5.000000x_7$	$-1.000000x_{26}$ $-2.$
x_{19}	5.0	$-1.000000x_1$	$-3.666667x_2$	$+2.333333x_3$	$-1.333333x_4$	$+0.666667x_{24}$		$+5.000000x_7$	$-2.$
x_{20}	10.0	$-6.000000x_1$	$-6.000000x_2$	$-1.000000x_3$	$-1.000000x_4$	$+1.000000x_{24}$	$+1.000000x_6$	$+6.000000x_7$	$-1.000000x_{26}$ $-4.$
x_{21}	1.0	$+4.500000x_1$	$+8.333333x_2$	$-4.166667x_3$	$-3.333333x_4$	$-0.833333x_{24}$	$+3.000000x_6$	$-3.500000x_7$	$+1.500000x_{26}$ $+4.$
x_{22}	16.0	$+5.500000x_1$	$+7.666667x_2$	$+0.166667x_3$	$-3.666667x_4$	$-2.166667x_{24}$		$-9.500000x_7$	$+1.500000x_{26}$ $+4.$
x_{23}	12.0	$+1.500000x_1$	$+0.333333x_2$	$-2.166667x_3$	$-1.333333x_4$	$+1.166667x_{24}$	$+3.000000x_6$	$+3.500000x_7$	$-0.500000x_{26}$ $-3.$
x_5	1.0		$+0.333333x_2$	$+0.333333x_3$	$-0.333333x_4$	$-0.333333x_{24}$	$-1.000000x_6$	$-1.000000x_7$	
x_{25}	14.0	$+6.000000x_1$	$+6.666667x_2$	$-2.333333x_3$	$-4.666667x_4$	$-1.666667x_{24}$	$-2.000000x_6$	$-9.000000x_7$	$+1.000000x_{26}$ $+2.$
x_8	0.0	$-1.500000x_1$	$-2.000000x_2$	$+0.500000x_3$	$+1.000000x_4$	$+0.500000x_{24}$		$+2.500000x_7$	$-0.500000x_{26}$ $-1.$
x_{27}	11.0	$-5.500000x_1$	$-6.000000x_2$	$+5.500000x_3$	$-1.000000x_4$	$+0.500000x_{24}$	$-1.000000x_6$	$+5.500000x_7$	$-1.500000x_{26}$
x_{28}	17.0	$-6.000000x_1$	$-4.333333x_2$	$+4.666667x_3$	$+2.333333x_4$	$+0.333333x_{24}$	$-2.000000x_6$	$+6.000000x_7$	$-1.000000x_{26}$ $-3.$
x_{29}	4.0	$+1.500000x_1$	$+9.000000x_2$	$-0.500000x_3$	$-1.000000x_4$	$-1.500000x_{24}$	$+2.000000x_6$	$-6.500000x_7$	$+1.500000x_{26}$ $+5.$
z	2.0	$-3.500000x_1$	$-3.333333x_2$	$-0.833333x_3$	$-0.666667x_4$	$-0.166667x_{24}$	$-4.000000x_6$	$-0.500000x_7$	$-0.500000x_{26}$ $-1.$

x_{14} enters and x_{17} leaves

x_{15}	5.60869565217	$-1.434783x_1 -1.652174x_2 +2.086957x_3 +2.956522x_4 +0.913043x_{24} -1.913043x_6 +2.347826x_7 -0.34$
x_{16}	8.82608695652	$+3.695652x_1 +4.043478x_2 +5.260870x_3 -1.130435x_4 -1.260870x_{24} -5.739130x_6 +2.043478x_7 -0.04$
x_{14}	0.521739130435	$+0.913043x_1 +0.869565x_2 +0.217391x_3 -0.608696x_4 -0.217391x_{24} -0.782609x_6 -0.130435x_7 +0.13$
x_{18}	16.0434782609	$-4.173913x_1 -0.260870x_2 +2.434783x_3 -0.217391x_4 +0.565217x_{24} -2.565217x_6 +4.739130x_7 -0.73$
x_{19}	5.34782608696	$-0.391304x_1 -3.086957x_2 +2.478261x_3 -1.739130x_4 +0.521739x_{24} -0.521739x_6 +4.913043x_7 +0.08$
x_{20}	11.0434782609	$-4.173913x_1 -4.260870x_2 -0.565217x_3 -2.217391x_4 +0.565217x_{24} -0.565217x_6 +5.739130x_7 -0.73$
x_{21}	0.565217391304	$+3.739130x_1 +7.608696x_2 -4.347826x_3 -2.826087x_4 -0.652174x_{24} +3.652174x_6 -3.391304x_7 +1.39$
x_{22}	12.7826086957	$-0.130435x_1 +2.304348x_2 -1.173913x_3 +0.086957x_4 -0.826087x_{24} +4.826087x_6 -8.695652x_7 +0.69$
x_{23}	11.5652173913	$+0.739130x_1 -0.391304x_2 -2.347826x_3 -0.826087x_4 +1.347826x_{24} +3.652174x_6 +3.608696x_7 -0.60$
x_5	0.826086956522	$-0.304348x_1 +0.043478x_2 +0.260870x_3 -0.130435x_4 -0.260870x_{24} -0.739130x_6 -0.956522x_7 -0.04$
x_{25}	13.1304347826	$+4.478261x_1 +5.217391x_2 -2.695652x_3 -3.652174x_4 -1.304348x_{24} -0.695652x_6 -8.782609x_7 +0.78$
x_8	0.782608695652	$-0.130435x_1 -0.695652x_2 +0.826087x_3 +0.086957x_4 +0.173913x_{24} -1.173913x_6 +2.304348x_7 -0.30$
x_{27}	12.8260869565	$-2.304348x_1 -2.956522x_2 +6.260870x_3 -3.130435x_4 -0.260870x_{24} -3.739130x_6 +5.043478x_7 -1.04$
x_{28}	18.2173913043	$-3.869565x_1 -2.304348x_2 +5.173913x_3 +0.913043x_4 -0.173913x_{24} -3.826087x_6 +5.695652x_7 -0.69$
x_{29}	1.13043478261	$-3.521739x_1 +4.217391x_2 -1.695652x_3 +2.347826x_4 -0.304348x_{24} +6.304348x_6 -5.782609x_7 +0.78$
z	2.4347826087	$-2.739130x_1 -2.608696x_2 -0.652174x_3 -1.173913x_4 -0.347826x_{24} -4.652174x_6 -0.608696x_7 -0.39$

x_{-1} enters and Final Dictionary Solution: 2.4347826087 Num Pivots: 3