

x_8	1.0	$-2.000000x_1$	$-1.000000x_3$	$-1.000000x_5$	$-1.000000x_6$	$-3.000000x_7$
x_9	3.0	$+2.000000x_1$	$-1.000000x_2$	$-2.000000x_3$	$-3.000000x_4$	$+2.000000x_5$
x_{10}	1.0	$+2.000000x_1$	$+2.000000x_2$	$-3.000000x_3$	$-2.000000x_4$	$-1.000000x_5$
x_{11}	9.0		$-2.000000x_2$	$+3.000000x_3$	$-1.000000x_4$	$+2.000000x_5$
x_{12}	9.0	$+1.000000x_1$	$+1.000000x_2$	$-1.000000x_3$	$-3.000000x_4$	$-2.000000x_5$
x_{13}	4.0	$+3.000000x_1$	$-3.000000x_2$		$+1.000000x_4$	$+1.000000x_5$
x_{14}	8.0	$-1.000000x_1$		$+3.000000x_3$	$+3.000000x_4$	$+2.000000x_5$
x_{15}	14.0	$-2.000000x_1$	$-3.000000x_2$			$+1.000000x_5$
x_{16}	7.0	$+2.000000x_1$	$+1.000000x_2$	$-2.000000x_3$	$+1.000000x_4$	$-1.000000x_5$
x_{17}	12.0	$-3.000000x_1$	$-3.000000x_2$		$+2.000000x_4$	$-2.000000x_5$
z	0.0	$+2.000000x_1$	$-2.000000x_2$	$+2.000000x_3$	$-2.000000x_4$	$-2.000000x_5$

No initialization required – Proceed to Optimize.

x_8	1.0	$-2.000000x_1$	$-1.000000x_3$	$-1.000000x_5$	$-1.000000x_6$	$-3.000000x_7$
x_9	3.0	$+2.000000x_1$	$-1.000000x_2$	$-2.000000x_3$	$-3.000000x_4$	$+2.000000x_5$
x_{10}	1.0	$+2.000000x_1$	$+2.000000x_2$	$-3.000000x_3$	$-2.000000x_4$	$-1.000000x_5$
x_{11}	9.0		$-2.000000x_2$	$+3.000000x_3$	$-1.000000x_4$	$+2.000000x_5$
x_{12}	9.0	$+1.000000x_1$	$+1.000000x_2$	$-1.000000x_3$	$-3.000000x_4$	$-2.000000x_5$
x_{13}	4.0	$+3.000000x_1$	$-3.000000x_2$		$+1.000000x_4$	$+1.000000x_5$
x_{14}	8.0	$-1.000000x_1$		$+3.000000x_3$	$+3.000000x_4$	$+2.000000x_5$
x_{15}	14.0	$-2.000000x_1$	$-3.000000x_2$			$+1.000000x_5$
x_{16}	7.0	$+2.000000x_1$	$+1.000000x_2$	$-2.000000x_3$	$+1.000000x_4$	$-1.000000x_5$
x_{17}	12.0	$-3.000000x_1$	$-3.000000x_2$		$+2.000000x_4$	$-2.000000x_5$
z	0.0	$+2.000000x_1$	$-2.000000x_2$	$+2.000000x_3$	$-2.000000x_4$	$-2.000000x_5$

x_1 enters and x_8 leaves

x_1	0.5	$-0.500000x_8$	$-0.500000x_3$	$-0.500000x_5$	$-0.500000x_6$	$-1.500000x_7$
x_9	4.0	$-1.000000x_8$	$-1.000000x_2$	$-3.000000x_3$	$-3.000000x_4$	$+1.000000x_5$
x_{10}	2.0	$-1.000000x_8$	$+2.000000x_2$	$-4.000000x_3$	$-2.000000x_4$	$-2.000000x_5$
x_{11}	9.0		$-2.000000x_2$	$+3.000000x_3$	$-1.000000x_4$	$+2.000000x_5$
x_{12}	9.5	$-0.500000x_8$	$+1.000000x_2$	$-1.500000x_3$	$-3.000000x_4$	$-2.500000x_5$
x_{13}	5.5	$-1.500000x_8$	$-3.000000x_2$	$-1.500000x_3$	$+1.000000x_4$	$-0.500000x_5$
x_{14}	7.5	$+0.500000x_8$		$+3.500000x_3$	$+3.000000x_4$	$+2.500000x_5$
x_{15}	13.0	$+1.000000x_8$	$-3.000000x_2$	$+1.000000x_3$		$+2.000000x_5$
x_{16}	8.0	$-1.000000x_8$	$+1.000000x_2$	$-3.000000x_3$	$+1.000000x_4$	$-2.000000x_5$
x_{17}	10.5	$+1.500000x_8$	$-3.000000x_2$	$+1.500000x_3$	$+2.000000x_4$	$-0.500000x_5$
z	1.0	$-1.000000x_8$	$-2.000000x_2$	$+1.000000x_3$	$-2.000000x_4$	$-1.000000x_5$

x_3 enters and x_{10} leaves

x_1	0.25	$-0.375000x_8 - 0.250000x_2 + 0.125000x_{10} + 0.250000x_4 - 0.250000x_5$	$-1.000000x_7$
x_9	2.5	$-0.250000x_8 - 2.500000x_2 + 0.750000x_{10} - 1.500000x_4 + 2.500000x_5$	$+2.000000x_6 - 3.000000x_7$
x_3	0.5	$-0.250000x_8 + 0.500000x_2 - 0.250000x_{10} - 0.500000x_4 - 0.500000x_5$	$-1.000000x_6 - 1.000000x_7$
x_{11}	10.5	$-0.750000x_8 - 0.500000x_2 - 0.750000x_{10} - 2.500000x_4 + 0.500000x_5$	$-1.000000x_6 - 5.000000x_7$
x_{12}	8.75	$-0.125000x_8 + 0.250000x_2 + 0.375000x_{10} - 2.250000x_4 - 1.750000x_5$	$+1.000000x_6 + 3.000000x_7$
x_{13}	4.75	$-1.125000x_8 - 3.750000x_2 + 0.375000x_{10} + 1.750000x_4 + 0.250000x_5$	$-2.000000x_6$
x_{14}	9.25	$-0.375000x_8 + 1.750000x_2 - 0.875000x_{10} + 1.250000x_4 + 0.750000x_5$	$-1.000000x_6 - 5.000000x_7$
x_{15}	13.5	$+0.750000x_8 - 2.500000x_2 - 0.250000x_{10} - 0.500000x_4 + 1.500000x_5$	$-3.000000x_6 + 4.000000x_7$
x_{16}	6.5	$-0.250000x_8 - 0.500000x_2 + 0.750000x_{10} + 2.500000x_4 - 0.500000x_5$	$+1.000000x_6 - 3.000000x_7$
x_{17}	11.25	$+1.125000x_8 - 2.250000x_2 - 0.375000x_{10} + 1.250000x_4 - 1.250000x_5$	$+2.000000x_6 + 5.000000x_7$
z	1.5	$-1.250000x_8 - 1.500000x_2 - 0.250000x_{10} - 2.500000x_4 - 1.500000x_5$	$-4.000000x_6 - 5.000000x_7$

x_{-1} enters and Final Dictionary Solution: 1.5 Num Pivots: 2