

$x_8$	5.0	$-3.000000x_1 - 1.000000x_2 - 1.000000x_3 + 2.000000x_4 - 2.000000x_5 + 3.000000x_6 - 3.000000x_7$
$x_9$	8.0	$+2.000000x_1 - 2.000000x_2 - 3.000000x_3 - 2.000000x_4 + 2.000000x_5 + 2.000000x_6 + 2.000000x_7$
$x_{10}$	12.0	$-1.000000x_1 + 1.000000x_4 + 3.000000x_5 + 3.000000x_6$
$x_{11}$	7.0	$-1.000000x_2 + 2.000000x_3 + 3.000000x_5 + 2.000000x_6 - 1.000000x_7$
$x_{12}$	7.0	$+3.000000x_2 + 1.000000x_3 - 1.000000x_5 + 1.000000x_6 + 1.000000x_7$
$x_{13}$	10.0	$+1.000000x_1 + 3.000000x_4 - 2.000000x_6 + 3.000000x_7$
$x_{14}$	1.0	$-3.000000x_1 - 3.000000x_2 - 2.000000x_3 - 1.000000x_4 + 1.000000x_7$
$x_{15}$	10.0	$-1.000000x_1 - 2.000000x_2 + 1.000000x_3 + 3.000000x_4 - 2.000000x_5 + 3.000000x_6 - 3.000000x_7$
$x_{16}$	1.0	$+3.000000x_1 + 2.000000x_2 - 2.000000x_3 - 1.000000x_4 + 2.000000x_5 - 2.000000x_6 - 3.000000x_7$
$x_{17}$	5.0	$+3.000000x_2 - 3.000000x_3 - 1.000000x_4 + 2.000000x_5 - 2.000000x_7$
$z$	0.0	$+2.000000x_1 - 1.000000x_2 + 2.000000x_3 + 1.000000x_4 - 2.000000x_5 + 2.000000x_6 - 1.000000x_7$

No initialization required – Proceed to Optimize.

$x_8$	5.0	$-3.000000x_1 - 1.000000x_2 - 1.000000x_3 + 2.000000x_4 - 2.000000x_5 + 3.000000x_6 - 3.000000x_7$
$x_9$	8.0	$+2.000000x_1 - 2.000000x_2 - 3.000000x_3 - 2.000000x_4 + 2.000000x_5 + 2.000000x_6 + 2.000000x_7$
$x_{10}$	12.0	$-1.000000x_1 + 1.000000x_4 + 3.000000x_5 + 3.000000x_6$
$x_{11}$	7.0	$-1.000000x_2 + 2.000000x_3 + 3.000000x_5 + 2.000000x_6 - 1.000000x_7$
$x_{12}$	7.0	$+3.000000x_2 + 1.000000x_3 - 1.000000x_5 + 1.000000x_6 + 1.000000x_7$
$x_{13}$	10.0	$+1.000000x_1 + 3.000000x_4 - 2.000000x_6 + 3.000000x_7$
$x_{14}$	1.0	$-3.000000x_1 - 3.000000x_2 - 2.000000x_3 - 1.000000x_4 + 1.000000x_7$
$x_{15}$	10.0	$-1.000000x_1 - 2.000000x_2 + 1.000000x_3 + 3.000000x_4 - 2.000000x_5 + 3.000000x_6 - 3.000000x_7$
$x_{16}$	1.0	$+3.000000x_1 + 2.000000x_2 - 2.000000x_3 - 1.000000x_4 + 2.000000x_5 - 2.000000x_6 - 3.000000x_7$
$x_{17}$	5.0	$+3.000000x_2 - 3.000000x_3 - 1.000000x_4 + 2.000000x_5 - 2.000000x_7$
$z$	0.0	$+2.000000x_1 - 1.000000x_2 + 2.000000x_3 + 1.000000x_4 - 2.000000x_5 + 2.000000x_6 - 1.000000x_7$

$x_1$  enters and  $x_{14}$  leaves

$x_8$	4.0	$+1.000000x_{14} + 2.000000x_2 + 1.000000x_3 + 3.000000x_4 - 2.000000x_5 + 3.000000x_6 - 4.000000x_7$
$x_9$	8.6666666667	$-0.666667x_{14} - 4.000000x_2 - 4.333333x_3 - 2.666667x_4 + 2.000000x_5 + 2.000000x_6 + 2.666667x_7$
$x_{10}$	11.6666666667	$+0.333333x_{14} + 1.000000x_2 + 0.666667x_3 + 1.333333x_4 + 3.000000x_5 + 3.000000x_6 - 0.333333x_7$
$x_{11}$	7.0	$-1.000000x_2 + 2.000000x_3 + 3.000000x_5 + 2.000000x_6 - 1.000000x_7$
$x_{12}$	7.0	$+3.000000x_2 + 1.000000x_3 - 1.000000x_5 + 1.000000x_6 + 1.000000x_7$
$x_{13}$	10.3333333333	$-0.333333x_{14} - 1.000000x_2 - 0.666667x_3 + 2.666667x_4 - 2.000000x_6 + 3.333333x_7$
$x_1$	0.333333333333	$-0.333333x_{14} - 1.000000x_2 - 0.666667x_3 - 0.333333x_4 + 0.333333x_7$
$x_{15}$	9.66666666667	$+0.333333x_{14} - 1.000000x_2 + 1.666667x_3 + 3.333333x_4 - 2.000000x_5 + 3.000000x_6 - 3.333333x_7$
$x_{16}$	2.0	$-1.000000x_{14} - 1.000000x_2 - 4.000000x_3 - 2.000000x_4 + 2.000000x_5 - 2.000000x_6 - 2.000000x_7$
$x_{17}$	5.0	$+3.000000x_2 - 3.000000x_3 - 1.000000x_4 + 2.000000x_5 - 2.000000x_7$
$z$	0.666666666667	$-0.666667x_{14} - 3.000000x_2 + 0.666667x_3 + 0.333333x_4 - 2.000000x_5 + 2.000000x_6 - 0.333333x_7$

$x_3$  enters and  $x_1$  leaves

$x_8$	4.5	$+0.500000x_{14}+0.500000x_2-1.500000x_1+2.500000x_4-2.000000x_5+3.000000x_6-3.500000x_7$
$x_9$	6.5	$+1.500000x_{14}+2.500000x_2+6.500000x_1-0.500000x_4+2.000000x_5+2.000000x_6+0.500000x_7$
$x_{10}$	12.0	$-1.000000x_1+1.000000x_4+3.000000x_5+3.000000x_6$
$x_{11}$	8.0	$-1.000000x_{14}-4.000000x_2-3.000000x_1-1.000000x_4+3.000000x_5+2.000000x_6$
$x_{12}$	7.5	$-0.500000x_{14}+1.500000x_2-1.500000x_1-0.500000x_4-1.000000x_5+1.000000x_6+1.500000x_7$
$x_{13}$	10.0	$+1.000000x_1+3.000000x_4-2.000000x_6+3.000000x_7$
$x_3$	0.5	$-0.500000x_{14}-1.500000x_2-1.500000x_1-0.500000x_4+0.500000x_7$
$x_{15}$	10.5	$-0.500000x_{14}-3.500000x_2-2.500000x_1+2.500000x_4-2.000000x_5+3.000000x_6-2.500000x_7$
$x_{16}$	0.0	$+1.000000x_{14}+5.000000x_2+6.000000x_1+2.000000x_5-2.000000x_6-4.000000x_7$
$x_{17}$	3.5	$+1.500000x_{14}+7.500000x_2+4.500000x_1+0.500000x_4+2.000000x_5-3.500000x_7$
$z$	1.0	$-1.000000x_{14}-4.000000x_2-1.000000x_1-2.000000x_5+2.000000x_6$

$x_6$  enters and  $x_{16}$  leaves

$x_8$	4.5	$+2.000000x_{14}+8.000000x_2+7.500000x_1+2.500000x_4+1.000000x_5-1.500000x_{16}-9.500000x_7$
$x_9$	6.5	$+2.500000x_{14}+7.500000x_2+12.500000x_1-0.500000x_4+4.000000x_5-1.000000x_{16}-3.500000x_7$
$x_{10}$	12.0	$+1.500000x_{14}+7.500000x_2+8.000000x_1+1.000000x_4+6.000000x_5-1.500000x_{16}-6.000000x_7$
$x_{11}$	8.0	$+1.000000x_2+3.000000x_1-1.000000x_4+5.000000x_5-1.000000x_{16}-4.000000x_7$
$x_{12}$	7.5	$+4.000000x_2+1.500000x_1-0.500000x_4-0.500000x_{16}-0.500000x_7$
$x_{13}$	10.0	$-1.000000x_{14}-5.000000x_2-5.000000x_1+3.000000x_4-2.000000x_5+1.000000x_{16}+7.000000x_7$
$x_3$	0.5	$-0.500000x_{14}-1.500000x_2-1.500000x_1-0.500000x_4+0.500000x_7$
$x_{15}$	10.5	$+1.000000x_{14}+4.000000x_2+6.500000x_1+2.500000x_4+1.000000x_5-1.500000x_{16}-8.500000x_7$
$x_6$	0.0	$+0.500000x_{14}+2.500000x_2+3.000000x_1+1.000000x_5-0.500000x_{16}-2.000000x_7$
$x_{17}$	3.5	$+1.500000x_{14}+7.500000x_2+4.500000x_1+0.500000x_4+2.000000x_5-3.500000x_7$
$z$	1.0	$+1.000000x_2+5.000000x_1-1.000000x_{16}-4.000000x_7$

$x_1$  enters and  $x_3$  leaves

$x_8$	7.0	$-0.500000x_{14}+0.500000x_2-5.000000x_3+1.000000x_5-1.500000x_{16}-7.000000x_7$
$x_9$	10.6666666667	$-1.666667x_{14}-5.000000x_2-8.333333x_3-4.666667x_4+4.000000x_5-1.000000x_{16}+0.666667x_7$
$x_{10}$	14.6666666667	$-1.166667x_{14}-0.500000x_2-5.333333x_3-1.666667x_4+6.000000x_5-1.500000x_{16}-3.333333x_7$
$x_{11}$	9.0	$-1.000000x_{14}-2.000000x_2-2.000000x_3-2.000000x_4+5.000000x_5-1.000000x_{16}-3.000000x_7$
$x_{12}$	8.0	$-0.500000x_{14}+2.500000x_2-1.000000x_3-1.000000x_4-0.500000x_{16}$
$x_{13}$	8.3333333333	$+0.666667x_{14}+3.333333x_3+4.666667x_4-2.000000x_5+1.000000x_{16}+5.333333x_7$
$x_1$	0.3333333333	$-0.333333x_{14}-1.000000x_2-0.666667x_3-0.333333x_4+0.333333x_7$
$x_{15}$	12.6666666667	$-1.166667x_{14}-2.500000x_2-4.333333x_3+0.333333x_4+1.000000x_5-1.500000x_{16}-6.333333x_7$
$x_6$	1.0	$-0.500000x_{14}-0.500000x_2-2.000000x_3-1.000000x_4+1.000000x_5-0.500000x_{16}-1.000000x_7$
$x_{17}$	5.0	$+3.000000x_2-3.000000x_3-1.000000x_4+2.000000x_5-2.000000x_7$
$z$	2.6666666667	$-1.666667x_{14}-4.000000x_2-3.333333x_3-1.666667x_4-1.000000x_{16}-2.333333x_7$

$x_{-1}$  enters and Final Dictionary Solution: 2.6666666667 Num Pivots: 4