1 Dictionary # 1

x_1	3			$-1x_5$	$-2x_7$
x_3	-4	$+1x_2$	$-1x_4$		$-1x_7$
x_6	7	$-1x_2$		$-2x_5$	
z	1	$-1x_2$	$+2x_4$	$+3x_5$	$+1x_7$

1.1 Initialization Phase: Aux Problem Solving

x_1	3			$-1x_5$	$-2x_7$ $+1x_0$
x_3	-4	$+1x_2$	$-1x_4$		$-1x_7$ $+1x_0$
x_6	7	$-1x_2$		$-2x_5$	$+1x_0$
z	0				$-1x_0$

x_3 leaves

x_1	7	$-1x_2$	$+1x_4$	$-1x_5$	$-1x_7$ $+1x_3$
x_0	4	$-1x_2$	$+1x_4$		$+1x_7$ $+1x_3$
x_6	11	$-2x_2$	$+1x_4$	$-2x_5$	$+1x_7$ $+1x_3$
z	-4	$+1x_2$	$-1x_4$		$-1x_7$ $-1x_3$

x_2 enters and x_0 leaves

x_1	3	$+1x_0$		$-1x_5$	$-2x_7$
x_2	4	$-1x_0$	$+1x_4$		$+1x_7$ $+1x_3$
x_6	3	$+2x_0$	$-1x_4$	$-2x_5$	$-1x_7$ $-1x_3$
z	0	$-1x_0$			

Final Dictionary

1.2 Optimization Phase

Problem is feasible Initialization phase yields a zero answer

x_1	3			$-1x_5$	$-2x_7$
x_2	4	$+1x_4$			$+1x_7$ $+1x_3$
x_6	3	$-1x_4$	$-2x_5$		$-1x_7$ $-1x_3$
z	-3	$+1x_4$	$+3x_5$		$-1x_3$

2 Dictionary # 2

x_3	-1	$+1x_1 -1x_2$
x_4	-2	$+1x_1 +2x_2$
x_5	1	$-1x_2$
z	0	$-2x_1 -1x_2$

2.1 Initialization Phase: Aux Problem Solving

x_3	-1	$+1x_1 -1x_2 +1x_0$
x_4	-2	$+1x_1 +2x_2 +1x_0$
x_5	1	$-1x_2 +1x_0$
z	0	$-1x_0$

x_4 leaves

x_3	1	$-3x_2 +1x_4$
x_0	2	$-1x_1 -2x_2 +1x_4$
x_5	3	$-1x_1 -3x_2 +1x_4$
z	-2	$+1x_1 +2x_2 -1x_4$

x_1 enters and x_0 leaves

x_3	1	$-3x_2 +1x_4$
x_1	2	$-1x_0 -2x_2 +1x_4$
x_5	1	$+1x_0 -1x_2$
z	0	$-1x_0$

Final Dictionary

2.2 Optimization Phase

Problem is feasible Initialization phase yields a zero answer

x_3	1	$-3x_2 +1x_4$
x_1	2	$-2x_2 +1x_4$
x_5	1	$-1x_2$
z	-4	$+3x_2 -2x_4$

3 Dictionary # 3

x_4	10	$-1x_1$		$+1x_3$
x_5	12		$+1x_2$	$-1x_3$
x_6	14	$+1x_1$	$-1x_2$	$-1x_3$
x_7	-40			$+1x_3$
x_8	-25		$+1x_2$	
x_9	-15	$+1x_1$		
z	0	$+2x_1$	$-3x_2$	$+1x_3$

3.1 Initialization Phase: Aux Problem Solving

x_4	10	$-1x_1$		$+1x_3$	$+1x_0$
x_5	12		$+1x_2$	$-1x_3$	$+1x_0$
x_6	14	$+1x_1$	$-1x_2$	$-1x_3$	$+1x_0$
x_7	-40			$+1x_3$	$+1x_0$
x_8	-25		$+1x_2$		$+1x_0$
x_9	-15	$+1x_1$			$+1x_0$
z	0				$-1x_0$

x_7 leaves

x_4	50	$-1x_1$			$+1x_7$
x_5	52		$+1x_2$	$-2x_3$	$+1x_7$
x_6	54	$+1x_1$	$-1x_2$	$-2x_3$	$+1x_7$
x_0	40			$-1x_3$	$+1x_7$
x_8	15		$+1x_2$	$-1x_3$	$+1x_7$
x_9	25	$+1x_1$		$-1x_3$	$+1x_7$
z	-40			$+1x_3$	$-1x_7$

x_3 enters and x_8 leaves

x_4	50	$-1x_1$			$+1x_7$
x_5	22		$-1x_2$	$+2x_8$	$-1x_7$
x_6	24	$+1x_1$	$-3x_2$	$+2x_8$	$-1x_7$
x_0	25		$-1x_2$	$+1x_8$	
x_3	15		$+1x_2$	$-1x_8$	$+1x_7$
x_9	10	$+1x_1$	$-1x_2$	$+1x_8$	
z	-25		$+1x_2$	$-1x_8$	

x_2 enters and x_6 leaves

x_4	50	$-1x_1$			$+1x_7$
x_5	14	$-0.333333x_1$	$+0.333333x_6$	$+1.333333x_8$	$-0.666667x_7$
x_2	8	$+0.333333x_1$	$-0.333333x_6$	$+0.666667x_8$	$-0.333333x_7$
x_0	17	$-0.333333x_1$	$+0.333333x_6$	$+0.333333x_8$	$+0.333333x_7$
x_3	23	$+0.333333x_1$	$-0.333333x_6$	$-0.333333x_8$	$+0.666667x_7$
x_9	2	$+0.666667x_1$	$+0.333333x_6$	$+0.333333x_8$	$+0.333333x_7$
z	-17	$+0.333333x_1$	$-0.333333x_6$	$-0.333333x_8$	$-0.333333x_7$

x_1 enters and x_5 leaves

x_4	8	$+3x_5$	$-1x_6$	$-4x_8$	$+3x_7$
x_1	42	$-3x_5$	$+1x_6$	$+4x_8$	$-2x_7$
x_2	22	$-1x_5$		$+2x_8$	$-1x_7$
x_0	3	$+1x_5$		$-1x_8$	$+1x_7$
x_3	37	$-1x_5$		$+1x_8$	
x_9	30	$-2x_5$	$+1x_6$	$+3x_8$	$-1x_7$
z	-3	$-1x_5$		$+1x_8$	$-1x_7$

x_8 enters and x_4 leaves

x_8	2	$+0.75x_5$	$-0.25x_6$	$-0.25x_4$	$+0.75x_7$
x_1	50			$-1x_4$	$+1x_7$
x_2	26	$+0.5x_5$	$-0.5x_6$	$-0.5x_4$	$+0.5x_7$
x_0	1	$+0.25x_5$	$+0.25x_6$	$+0.25x_4$	$+0.25x_7$
x_3	39	$-0.25x_5$	$-0.25x_6$	$-0.25x_4$	$+0.75x_7$
x_9	36	$+0.25x_5$	$+0.25x_6$	$-0.75x_4$	$+1.25x_7$
z	-1	$-0.25x_5$	$-0.25x_6$	$-0.25x_4$	$-0.25x_7$

Final Dictionary

Problem is Infeasible Initialization phase yields negative answer

4 Dictionary # 4

x_4	1		$-1x_1$
x_3	-2	$-1x_2$	$+2x_1$
x_5	0	$-2x_2$	
z	1		$+3x_1$

4.1 Initialization Phase: Aux Problem Solving

x_4	1	$-1x_1 +1x_0$
x_3	-2	$-1x_2 +2x_1 +1x_0$
x_5	0	$-2x_2 \quad +1x_0$
z	0	$-1x_0$

x_3 leaves

x_4	3	$+1x_2 -3x_1 +1x_3$
x_0	2	$+1x_2 -2x_1 +1x_3$
x_5	2	$-1x_2 -2x_1 +1x_3$
z	-2	$-1x_2 +2x_1 -1x_3$

x_1 enters and x_0 leaves

x_4	0	$-0.5x_2 +1.5x_0 -0.5x_3$
x_1	1	$+0.5x_2 -0.5x_0 +0.5x_3$
x_5	0	$-2x_2 \quad +1x_0$
z	0	$-1x_0$

Final Dictionary

4.2 Optimization Phase

Problem is feasible Initialization phase yields a zero answer

x_4	0	$-0.5x_2 -0.5x_3$
x_1	1	$+0.5x_2 +0.5x_3$
x_5	0	$-2x_2$
z	4	$+1.5x_2 +1.5x_3$

5 Dictionary # 5

x_6	-6	$-1x_4 -3x_3 +2x_1$
x_2	-12	$-6x_3 -1x_1 -1x_5$
x_8	3	$+1x_4 \quad -1x_1 +5x_5$
x_9	2	$-1x_5$
x_7	4	$-1x_3$
z	0	$+2x_4 +1x_3 -3x_1 +4x_5$

5.1 Initialization Phase: Aux Problem Solving

x_6	-6	$-1x_4$	$-3x_3$	$+2x_1$		$+1x_0$
x_2	-12		$-6x_3$	$-1x_1$	$-1x_5$	$+1x_0$
x_8	3	$+1x_4$		$-1x_1$	$+5x_5$	$+1x_0$
x_9	2				$-1x_5$	$+1x_0$
x_7	4		$-1x_3$			$+1x_0$
z	0					$-1x_0$

x_2 leaves

x_6	6	$-1x_4$	$+3x_3$	$+3x_1$	$+1x_5$	$+1x_2$
x_0	12		$+6x_3$	$+1x_1$	$+1x_5$	$+1x_2$
x_8	15	$+1x_4$	$+6x_3$		$+6x_5$	$+1x_2$
x_9	14		$+6x_3$	$+1x_1$		$+1x_2$
x_7	16		$+5x_3$	$+1x_1$	$+1x_5$	$+1x_2$
z	-12		$-6x_3$	$-1x_1$	$-1x_5$	$-1x_2$

Final Dictionary Problem is Infeasible Initialization phase yields negative answer

6 Dictionary # 6

x_4	0	$-1x_5$	
x_6	2		$+1x_3$
x_2	1	$-2x_5$	$+2x_3$
x_1	-3	$+1x_5$	$+1x_3$
z	0	$+6x_5$	$-5x_3$

6.1 Initialization Phase: Aux Problem Solving

x_4	0	$-1x_5$		$+1x_0$
x_6	2		$+1x_3$	$+1x_0$
x_2	1	$-2x_5$	$+2x_3$	$+1x_0$
x_1	-3	$+1x_5$	$+1x_3$	$+1x_0$
z	0			$-1x_0$

x_1 leaves

x_4	3	$-2x_5 -1x_3 +1x_1$
x_6	5	$-1x_5 \quad +1x_1$
x_2	4	$-3x_5 +1x_3 +1x_1$
x_0	3	$-1x_5 -1x_3 +1x_1$
z	-3	$+1x_5 +1x_3 -1x_1$

x_3 enters and x_0 leaves

x_4	0	$-1x_5 +1x_0$
x_6	5	$-1x_5 \quad +1x_1$
x_2	7	$-4x_5 -1x_0 +2x_1$
x_3	3	$-1x_5 -1x_0 +1x_1$
z	0	$-1x_0$

Final Dictionary Problem is feasible Initialization phase yields a zero answer

6.2 Optimization Phase

x_4	0	$-1x_5$
x_6	5	$-1x_5 +1x_1$
x_2	7	$-4x_5 +2x_1$
x_3	3	$-1x_5 +1x_1$
z	-15	$+11x_5 -5x_1$

7 Dictionary # 7

x_4	10	$+1x_1 -2x_2 +1x_3$
x_5	12	$+1x_1 +1x_2 -2x_3$
x_6	5	$+1x_2 +1x_3$
x_7	-15	$+1x_2$
x_8	-8	$+1x_3$
x_9	5	$+1x_1$
z	0	$+1x_1 -2x_2 -4x_3$

7.1 Initialization Phase: Aux Problem Solving

x_4	10	$+1x_1$	$-2x_2$	$+1x_3$	$+1x_0$
x_5	12	$+1x_1$	$+1x_2$	$-2x_3$	$+1x_0$
x_6	5		$+1x_2$	$+1x_3$	$+1x_0$
x_7	-15		$+1x_2$		$+1x_0$
x_8	-8			$+1x_3$	$+1x_0$
x_9	5	$+1x_1$			$+1x_0$
z	0				$-1x_0$

x_7 leaves

x_4	25	$+1x_1$	$-3x_2$	$+1x_3$	$+1x_7$
x_5	27	$+1x_1$		$-2x_3$	$+1x_7$
x_6	20			$+1x_3$	$+1x_7$
x_0	15		$-1x_2$		$+1x_7$
x_8	7		$-1x_2$	$+1x_3$	$+1x_7$
x_9	20	$+1x_1$	$-1x_2$		$+1x_7$
z	-15		$+1x_2$		$-1x_7$

x_2 enters and x_8 leaves

x_4	4	$+1x_1$	$+3x_8$	$-2x_3$	$-2x_7$
x_5	27	$+1x_1$		$-2x_3$	$+1x_7$
x_6	20			$+1x_3$	$+1x_7$
x_0	8		$+1x_8$	$-1x_3$	
x_2	7		$-1x_8$	$+1x_3$	$+1x_7$
x_9	13	$+1x_1$	$+1x_8$	$-1x_3$	
z	-8		$-1x_8$	$+1x_3$	

x_3 enters and x_4 leaves

x_3	2	$+0.5x_1$	$+1.5x_8$	$-0.5x_4$	$-1x_7$
x_5	23		$-3x_8$	$+1x_4$	$+3x_7$
x_6	22	$+0.5x_1$	$+1.5x_8$	$-0.5x_4$	
x_0	6	$-0.5x_1$	$-0.5x_8$	$+0.5x_4$	$+1x_7$
x_2	9	$+0.5x_1$	$+0.5x_8$	$-0.5x_4$	
x_9	11	$+0.5x_1$	$-0.5x_8$	$+0.5x_4$	$+1x_7$
z	-6	$+0.5x_1$	$+0.5x_8$	$-0.5x_4$	$-1x_7$

x_1 enters and x_0 leaves

x_3	8	$-1x_0 +1x_8$
x_5	23	$-3x_8 +1x_4 +3x_7$
x_6	28	$-1x_0 +1x_8 +1x_7$
x_1	12	$-2x_0 -1x_8 +1x_4 +2x_7$
x_2	15	$-1x_0 +1x_7$
x_9	17	$-1x_0 -1x_8 +1x_4 +2x_7$
z	0	$-1x_0$

Final Dictionary

Problem is feasible Initialization phase yields a zero answer

7.2 Optimization Phase

x_3	8	$+1x_8$
x_5	23	$-3x_8 +1x_4 +3x_7$
x_6	28	$+1x_8 +1x_7$
x_1	12	$-1x_8 +1x_4 +2x_7$
x_2	15	$+1x_7$
x_9	17	$-1x_8 +1x_4 +2x_7$
z	-50	$-5x_8 +1x_4$

8 Dictionary 8

x_4	0.6	$-3x_1 +7.9x_2 -2.1x_3$
x_5	-3.8	$+6.2x_1 -7.4x_2 +2.3x_3$
x_6	4.2	$-6x_1 +2.5x_2 +1.7x_3$
x_7	0.6	$-6.3x_1 -7.7x_2 +7.7x_3$
x_8	4	$+1.1x_1 +2.3x_2 +1.7x_3$
x_9	-1.9	$-1x_1 -1.9x_2 -1.4x_3$
z	0	$-4.9x_1 -2.7x_2 +2.5x_3$

8.1 Initialization Phase: Aux Problem Solving

x_4	0.6	$-3x_1$	$+7.9x_2$	$-2.1x_3$	$+1x_0$
x_5	-3.8	$+6.2x_1$	$-7.4x_2$	$+2.3x_3$	$+1x_0$
x_6	4.2	$-6x_1$	$+2.5x_2$	$+1.7x_3$	$+1x_0$
x_7	0.6	$-6.3x_1$	$-7.7x_2$	$+7.7x_3$	$+1x_0$
x_8	4	$+1.1x_1$	$+2.3x_2$	$+1.7x_3$	$+1x_0$
x_9	-1.9	$-1x_1$	$-1.9x_2$	$-1.4x_3$	$+1x_0$
z	0				$-1x_0$

x_5 leaves

x_4	4.4	$-9.2x_1$	$+15.3x_2$	$-4.4x_3$	$+1x_5$
x_0	3.8	$-6.2x_1$	$+7.4x_2$	$-2.3x_3$	$+1x_5$
x_6	8	$-12.2x_1$	$+9.9x_2$	$-0.6x_3$	$+1x_5$
x_7	4.4	$-12.5x_1$	$-0.3x_2$	$+5.4x_3$	$+1x_5$
x_8	7.8	$-5.1x_1$	$+9.7x_2$	$-0.6x_3$	$+1x_5$
x_9	1.9	$-7.2x_1$	$+5.5x_2$	$-3.7x_3$	$+1x_5$
z	-3.8	$+6.2x_1$	$-7.4x_2$	$+2.3x_3$	$-1x_5$

x_1 enters and x_9 leaves

x_4	1.97222222222	$+1.277778x_9$	$+8.272222x_2$	$+0.327778x_3$	$-0.277778x_5$
x_0	2.16388888889	$+0.861111x_9$	$+2.663889x_2$	$+0.886111x_3$	$+0.138889x_5$
x_6	4.78055555556	$+1.694444x_9$	$+0.580556x_2$	$+5.669444x_3$	$-0.694444x_5$
x_7	1.10138888889	$+1.736111x_9$	$-9.848611x_2$	$+11.823611x_3$	$-0.736111x_5$
x_8	6.45416666667	$+0.708333x_9$	$+5.804167x_2$	$+2.020833x_3$	$+0.291667x_5$
x_1	0.263888888889	$-0.138889x_9$	$+0.763889x_2$	$-0.513889x_3$	$+0.138889x_5$
z	-2.16388888889	$-0.861111x_9$	$-2.663889x_2$	$-0.886111x_3$	$-0.138889x_5$

Final Dictionary Problem is Infeasible Initialization phase yields negative answer

9 Dictionary # 9

x_4	-3.8	$+3.3x_1 +6.4x_2 -4.2x_3$
x_5	-3.2	$+2.6x_1 -4.5x_2 +0.5x_3$
x_6	2.4	$-6.4x_1 -4.3x_2 -0.8x_3$
x_7	3.9	$+1x_1 +4.8x_2 -6.3x_3$
x_8	0.3	$+5.7x_1 +4.6x_2 -6x_3$
x_9	-4.7	$-0.5x_1 -0.8x_2 +7.2x_3$
z	0	$-2.4x_1 -2.7x_2 -1.5x_3$

9.1 Initialization Phase: Aux Problem Solving

x_4	-3.8	$+3.3x_1 +6.4x_2 -4.2x_3 +1x_0$
x_5	-3.2	$+2.6x_1 -4.5x_2 +0.5x_3 +1x_0$
x_6	2.4	$-6.4x_1 -4.3x_2 -0.8x_3 +1x_0$
x_7	3.9	$+1x_1 +4.8x_2 -6.3x_3 +1x_0$
x_8	0.3	$+5.7x_1 +4.6x_2 -6x_3 +1x_0$
x_9	-4.7	$-0.5x_1 -0.8x_2 +7.2x_3 +1x_0$
z	0	$-1x_0$

x_9 leaves

x_4	0.9	$+3.8x_1 +7.2x_2 -11.4x_3 +1x_9$
x_5	1.5	$+3.1x_1 -3.7x_2 -6.7x_3 +1x_9$
x_6	7.1	$-5.9x_1 -3.5x_2 -8x_3 +1x_9$
x_7	8.6	$+1.5x_1 +5.6x_2 -13.5x_3 +1x_9$
x_8	5	$+6.2x_1 +5.4x_2 -13.2x_3 +1x_9$
x_0	4.7	$+0.5x_1 +0.8x_2 -7.2x_3 +1x_9$
z	-4.7	$-0.5x_1 -0.8x_2 +7.2x_3 -1x_9$

x_3 enters and x_4 leaves

x_3	0.0789473684211	$+0.333333x_1 +0.631579x_2 -0.087719x_4 +0.087719x_9$
x_5	0.971052631579	$+0.866667x_1 -7.931579x_2 +0.587719x_4 +0.412281x_9$
x_6	6.46842105263	$-8.566667x_1 -8.552632x_2 +0.701754x_4 +0.298246x_9$
x_7	7.53421052632	$-3x_1 -2.926316x_2 +1.184211x_4 -0.184211x_9$
x_8	3.95789473684	$+1.8x_1 -2.936842x_2 +1.157895x_4 -0.157895x_9$
x_0	4.13157894737	$-1.9x_1 -3.747368x_2 +0.631579x_4 +0.368421x_9$
z	-4.13157894737	$+1.9x_1 +3.747368x_2 -0.631579x_4 -0.368421x_9$

x_1 enters and x_6 leaves

x_3	0.330636903543	$-0.038911x_6 +0.298792x_2 -0.060414x_4 +0.099324x_9$
x_5	1.6254454229	$-0.101167x_6 -8.796826x_2 +0.658714x_4 +0.442453x_9$
x_1	0.755068605366	$-0.116732x_6 -0.998362x_2 +0.081917x_4 +0.034815x_9$
x_7	5.26900471022	$+0.350195x_6 +0.068769x_2 +0.938460x_4 -0.288655x_9$
x_8	5.3170182265	$-0.210117x_6 -4.733893x_2 +1.305345x_4 -0.095228x_9$
x_0	2.69694859717	$+0.221790x_6 -1.850481x_2 +0.475937x_4 +0.302273x_9$
z	-2.69694859717	$-0.221790x_6 +1.850481x_2 -0.475937x_4 -0.302273x_9$

x_2 enters and x_5 leaves

x_3	0.385846550685	$-0.042347x_6 -0.033966x_5 -0.038040x_4 +0.114352x_9$
x_2	0.18477635846	$-0.0115x_6 -0.113677x_5 +0.074881x_4 +0.050297x_9$
x_1	0.570594972867	$-0.105250x_6 +0.113491x_5 +0.007159x_4 -0.0154x_9$
x_7	5.28171163243	$+0.349404x_6 -0.007818x_5 +0.943609x_4 -0.285196x_9$
x_8	4.44230669842	$-0.155675x_6 +0.538137x_5 +0.950867x_4 -0.333329x_9$
x_0	2.35502340827	$+0.243071x_6 +0.210358x_5 +0.337371x_4 +0.2092x_9$
z	-2.35502340827	$-0.243071x_6 -0.210358x_5 -0.337371x_4 -0.2092x_9$

Final Dictionary

10 Dictionary # 10

x_4	3	$+3x_2 -1x_3 -1x_1$
x_7	-4	$-1x_3 +1x_1$
x_6	-20	$-1x_2 +1x_3 +4x_1$
x_5	11	$-1x_2 -2x_1$
x_8	-4	$-1x_3 +1x_1$
z	0	$+1x_2 +2x_3 -2x_1$

10.1 Initialization Phase: Aux Problem Solving

x_4	3	$+3x_2 -1x_3 -1x_1 +1x_0$
x_7	-4	$-1x_3 +1x_1 +1x_0$
x_6	-20	$-1x_2 +1x_3 +4x_1 +1x_0$
x_5	11	$-1x_2 -2x_1 +1x_0$
x_8	-4	$-1x_3 +1x_1 +1x_0$
z	0	$-1x_0$

x_6 leaves

x_4	23	$+4x_2 -2x_3 -5x_1 +1x_6$
x_7	16	$+1x_2 -2x_3 -3x_1 +1x_6$
x_0	20	$+1x_2 -1x_3 -4x_1 +1x_6$
x_5	31	$-1x_3 -6x_1 +1x_6$
x_8	16	$+1x_2 -2x_3 -3x_1 +1x_6$
z	-20	$-1x_2 +1x_3 +4x_1 -1x_6$

x_1 enters and x_4 leaves

x_1	4.6	$+0.8x_2 -0.4x_3 -0.2x_4 +0.2x_6$
x_7	2.2	$-1.4x_2 -0.8x_3 +0.6x_4 +0.4x_6$
x_0	1.6	$-2.2x_2 +0.6x_3 +0.8x_4 +0.2x_6$
x_5	3.4	$-4.8x_2 +1.4x_3 +1.2x_4 -0.2x_6$
x_8	2.2	$-1.4x_2 -0.8x_3 +0.6x_4 +0.4x_6$
z	-1.6	$+2.2x_2 -0.6x_3 -0.8x_4 -0.2x_6$

x_2 enters and x_5 leaves

x_1	5.16666666667	$-0.166667x_5 -0.166667x_3 +0.166667x_6$
x_7	1.20833333333	$+0.291667x_5 -1.208333x_3 +0.25x_4 +0.458333x_6$
x_0	0.0416666666667	$+0.458333x_5 -0.041667x_3 +0.25x_4 +0.291667x_6$
x_2	0.708333333333	$-0.208333x_5 +0.291667x_3 +0.25x_4 -0.041667x_6$
x_8	1.20833333333	$+0.291667x_5 -1.208333x_3 +0.25x_4 +0.458333x_6$
z	-0.0416666666667	$-0.458333x_5 +0.041667x_3 -0.25x_4 -0.291667x_6$

x_3 enters and x_0 leaves

x_1	5	$-2x_5 +4x_0 -1x_4 -1x_6$
x_7	$-1.57651669497e-14$	$-13x_5 +29x_0 -7x_4 -8x_6$
x_3	1	$+11x_5 -24x_0 +6x_4 +7x_6$
x_2	1	$+3x_5 -7x_0 +2x_4 +2x_6$
x_8	$-1.57651669497e-14$	$-13x_5 +29x_0 -7x_4 -8x_6$
z	0	$-1x_0$

Final Dictionary Problem is feasible Initialization phase yields a zero answer

x_1	5	$-2x_5$	$-1x_4$	$-1x_6$
x_7	$-1.57651669497e-14$	$-13x_5$	$-7x_4$	$-8x_6$
x_3	1	$+11x_5$	$+6x_4$	$+7x_6$
x_2	1	$+3x_5$	$+2x_4$	$+2x_6$
x_8	$-1.57651669497e-14$	$-13x_5$	$-7x_4$	$-8x_6$
z	-7	$+29x_5$	$+16x_4$	$+18x_6$