$$x_1/3000$$
  $x_1/3000002$   $x_3/3000003$   $x_4/3000004$   $x_5/3000005$  -1 Problem 3  
1/300001 -1/3000002 1/300003 1/300004 0 -2 = - $x_6$   
-1/3000002 -1/3000002 -2/3003 0 0 1 = - $x_7$   
1/3001 0 2/3003 -1/3000002 -4/3005 2 = - $x_8$   
2/301 0 1/3000002 0 1/305 2 =  $f$  -> min

Combine first and second columns and multiply last row by -1 to obtain standard tableau. Also, simplify further by looking only at the sign of value in each position as shown below.

<b>x1</b>	х3	x4	x5	-1	
+	+	+	0	-2	negative x6
-	-	0	0	1	negative x7
+	+	-	-	2	negative x8
-	-	0	-	-2	(-f) max

As shown above, the first row is bad, so the LP is infeasible.

Note that the value in the first row, first column is positive because:

$$(1/3000)(1/300001)-(1/3000002)(1/3000002) > 0$$

This first row specifies an infeasible constraint.