Basic Variables	Feasible	z (Objective function value)	x values
x1 x2 x3	n		
x1 x2 x4	n		
x1 x2 x5	n		
x1 x2 x6	y	71.04	x1=.192. x2= 19.008, x6= 32.832
x1 x3 x4	n		
x1 x3 x5	n		
x1 x3 x6	y	273	x1=10.714286, x3=56.571429, x6=92.571429
x1 x4 x5	n		
x1 x4 x6	y	72.525	x1=11.775, x4 = 14.85, x6= 16.2
x1 x5 x6	n		
x2 x3 x4	n		
x2 x3 x5	n		
x2 x3 x6	n		
x2 x4 x5	n		
x2 x4 x6	n		
x2 x5 x6	y	71.532684	x2=18.993046, x5=.13351878, x6=33.279555
x3 x4 x5	n		
x3 x4 x6	n		
x3 x5 x6	y	290.85714	x3=54.190476, x5=7.1428571, x6=114
x4 x5 x6	y	101.3029	x4 = 14.165975, x5=7.8174274, x6=43.170124

Objective function	
z-3.57(x3)-0.1(x4)-3.69(x5)=71.04	
z+10.625(x2)+13.5(x4)-2.5(x5)=273	
z+0.078125(x2)-3.54375(x3)-3.68125(x6)=72.525	
z+2.566064(x1)-4.0472879(x3)-2.1015299(x4)=71.532684	
z + 1.6666667(x1) + 11.547616(x2) + 13.380952(x4)=290.85714	<- Optimal
z+2.4439834(x1) + 1.5674274(x2) -3.4979253(x3) =101.3029	