

Example I

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Econ 172A												
2	Joel Sobel				LP TEMPLATE								
3													
4	Objective Function Coefficients				c1	c2	c3	c4					
5					2	4	3	1					
6													
7	Variables				x1	x2	x3	x4					
8					0	10.4	0	0.4		Put guesses for variables in E8 through H8			
9													
10													
11													
12	Resource Constraints				ai1	ai2	ai3	ai4	LHS	compare	bi	si	
13			#1		3	1	1	4	12		12	2.17E-12	
14			#2		1	-3	2	3	-30		7	37	
15			#3		2	1	3	-1	10		10	2.89E-11	
16													
17													
18	Value	42											
19													
20		Formula for B18 (value) = SUMPRODUCT(E5:H5,E8:H8)											
21		Formula for I13 (LHS) = SUMPRODUCT(E\$8:H\$8,E13:H13)											
22		Formula for L13 (slack) = ABS(I13-K13)											