

Ranges in which the basis is unchanged:

Objective Coefficient Ranges:

Variable	Current Coefficient	Allowable Increase	Allowable Decrease
ADVCO(1, 6)	0.000000	0.000000	INFINITY
ADVCO(1, 7)	0.000000	0.000000	INFINITY
ADVCO(1, 8)	0.000000	0.000000	INFINITY
ADVCO(1, 9)	0.000000	0.000000	INFINITY
ADVCO(2, 6)	0.000000	0.000000	INFINITY
ADVCO(2, 7)	0.000000	0.000000	INFINITY
ADVCO(2, 8)	0.000000	0.000000	INFINITY
ADVCO(2, 9)	0.000000	0.000000	INFINITY
ADVCO(3, 6)	0.000000	0.000000	INFINITY
ADVCO(3, 7)	0.000000	0.000000	INFINITY
ADVCO(3, 8)	0.000000	0.000000	INFINITY
ADVCO(3, 9)	0.000000	0.000000	INFINITY
LABTI(1, 6)	0.000000	0.000000	INFINITY
LABTI(1, 7)	0.000000	0.000000	INFINITY
LABTI(1, 8)	0.000000	0.000000	INFINITY
LABTI(1, 9)	0.000000	0.000000	INFINITY
LABTI(2, 6)	0.000000	0.000000	INFINITY
LABTI(2, 7)	0.000000	0.000000	INFINITY
LABTI(2, 8)	0.000000	0.000000	INFINITY
LABTI(2, 9)	0.000000	0.000000	INFINITY
LABTI(3, 6)	0.000000	0.000000	INFINITY
LABTI(3, 7)	0.000000	0.000000	INFINITY
LABTI(3, 8)	0.000000	0.000000	INFINITY
LABTI(3, 9)	0.000000	0.000000	INFINITY
PAKTI(1, 6)	0.000000	0.000000	INFINITY
PAKTI(1, 7)	0.000000	0.000000	INFINITY
PAKTI(1, 8)	0.000000	0.000000	INFINITY
PAKTI(1, 9)	0.000000	0.000000	INFINITY
PAKTI(2, 6)	0.000000	0.000000	INFINITY
PAKTI(2, 7)	0.000000	0.000000	INFINITY
PAKTI(2, 8)	0.000000	0.000000	INFINITY
PAKTI(2, 9)	0.000000	0.000000	INFINITY
PAKTI(3, 6)	0.000000	0.000000	INFINITY
PAKTI(3, 7)	0.000000	0.000000	INFINITY
PAKTI(3, 8)	0.000000	0.000000	INFINITY
PAKTI(3, 9)	0.000000	0.000000	INFINITY
ASSTI(1, 1)	0.000000	0.000000	INFINITY
ASSTI(1, 2)	0.000000	0.000000	INFINITY
ASSTI(1, 3)	0.000000	0.000000	INFINITY
ASSTI(1, 4)	0.000000	0.000000	INFINITY
ASSTI(1, 5)	0.000000	0.000000	INFINITY
ASSTI(2, 1)	0.000000	0.000000	INFINITY
ASSTI(2, 2)	0.000000	0.000000	INFINITY
ASSTI(2, 3)	0.000000	0.000000	INFINITY
ASSTI(2, 4)	0.000000	0.000000	INFINITY
ASSTI(2, 5)	0.000000	0.000000	INFINITY
ASSTI(3, 1)	0.000000	0.000000	INFINITY
ASSTI(3, 2)	0.000000	0.000000	INFINITY
ASSTI(3, 3)	0.000000	0.000000	INFINITY

ASSTI(3, 4)	0.000000	0.000000	INFINITY
ASSTI(3, 5)	0.000000	0.000000	INFINITY
SOLD(1, 1, 1)	4.000000	1.333333	INFINITY
SOLD(1, 1, 2)	6.000000	1.222222	0.1666667
SOLD(1, 1, 3)	4.000000	2.516667	INFINITY
SOLD(1, 1, 4)	8.000000	0.2500000	1.571176
SOLD(1, 1, 5)	14.00000	INFINITY	5.600000
SOLD(1, 1, 6)	-4.000000	162.5000	INFINITY
SOLD(1, 1, 7)	18.00000	141.7000	INFINITY
SOLD(1, 1, 8)	68.00000	177.1667	INFINITY
SOLD(1, 1, 9)	70.00000	20.36667	INFINITY
SOLD(1, 2, 1)	5.000000	1.833333	INFINITY
SOLD(1, 2, 2)	7.000000	4.136667	1.222222
SOLD(1, 2, 3)	3.000000	5.471429	INFINITY
SOLD(1, 2, 4)	7.000000	1.571429	INFINITY
SOLD(1, 2, 5)	16.00000	INFINITY	5.909524
SOLD(1, 2, 6)	-1.000000	200.2619	INFINITY
SOLD(1, 2, 7)	17.00000	186.8190	INFINITY
SOLD(1, 2, 8)	58.00000	234.4286	INFINITY
SOLD(1, 2, 9)	46.00000	68.98571	INFINITY
SOLD(1, 3, 1)	5.000000	3.168421	INFINITY
SOLD(1, 3, 2)	10.00000	INFINITY	1.664912
SOLD(1, 3, 3)	5.000000	4.084211	INFINITY
SOLD(1, 3, 4)	10.00000	2.108889	1.887059
SOLD(1, 3, 5)	18.00000	INFINITY	8.773684
SOLD(1, 3, 6)	-15.00000	14.49120	INFINITY
SOLD(1, 3, 7)	11.00000	213.7105	INFINITY
SOLD(1, 3, 8)	60.00000	277.5544	INFINITY
SOLD(1, 3, 9)	36.00000	82.52105	INFINITY
SOLD(2, 1, 1)	3.280000	1.253333	INFINITY
SOLD(2, 1, 2)	3.720000	1.313333	INFINITY
SOLD(2, 1, 3)	3.520000	1.996667	INFINITY
SOLD(2, 1, 4)	6.800000	0.8903333	0.6780000
SOLD(2, 1, 5)	10.88000	INFINITY	3.680000
SOLD(2, 1, 6)	-7.600000	4.912000	INFINITY
SOLD(2, 1, 7)	14.16000	121.5400	17.02720
SOLD(2, 1, 8)	64.04000	13.56000	17.80667
SOLD(2, 1, 9)	63.40000	13.56000	INFINITY
SOLD(2, 2, 1)	4.400000	0.4400000	INFINITY
SOLD(2, 2, 2)	4.840000	2.304444	0.2555556
SOLD(2, 2, 3)	2.400000	3.508571	INFINITY
SOLD(2, 2, 4)	5.680000	0.3285714	INFINITY
SOLD(2, 2, 5)	13.12000	INFINITY	5.877143
SOLD(2, 2, 6)	-4.240000	1.820800	INFINITY
SOLD(2, 2, 7)	13.04000	130.6943	15.99680
SOLD(2, 2, 8)	52.84000	50.67143	INFINITY
SOLD(2, 2, 9)	36.52000	50.67143	43.59840
SOLD(2, 3, 1)	4.160000	2.871579	INFINITY
SOLD(2, 3, 2)	7.600000	INFINITY	0.5684211
SOLD(2, 3, 3)	4.400000	3.395789	INFINITY
SOLD(2, 3, 4)	8.560000	0.7200000	3.637333
SOLD(2, 3, 5)	14.76000	INFINITY	6.746316
SOLD(2, 3, 6)	-15.36000	15.09120	INFINITY
SOLD(2, 3, 7)	8.840000	184.5695	10.45280
SOLD(2, 3, 8)	57.12000	109.0084	INFINITY
SOLD(2, 3, 9)	28.92000	94.32105	34.20640

PRODC(1, 1, 1)	-1.000000	1.280000	INFINITY
PRODC(1, 1, 2)	-1.500000	1.222222	0.1666667
PRODC(1, 1, 3)	-1.100000	1.320000	INFINITY
PRODC(1, 1, 4)	-1.500000	0.2500000	1.571176
PRODC(1, 1, 5)	-1.900000	3.280000	5.600000
PRODC(1, 1, 6)	0.000000	162.5000	INFINITY
PRODC(1, 1, 7)	0.000000	141.7000	INFINITY
PRODC(1, 1, 8)	0.000000	177.1667	INFINITY
PRODC(1, 1, 9)	0.000000	17.80667	INFINITY
PRODC(1, 2, 1)	-1.100000	1.833333	INFINITY
PRODC(1, 2, 2)	-1.100000	4.136667	1.222222
PRODC(1, 2, 3)	-1.100000	2.962857	INFINITY
PRODC(1, 2, 4)	-1.200000	1.571429	INFINITY
PRODC(1, 2, 5)	-1.900000	4.767619	5.909524
PRODC(1, 2, 6)	0.000000	200.2619	INFINITY
PRODC(1, 2, 7)	0.000000	186.8190	INFINITY
PRODC(1, 2, 8)	0.000000	192.3571	INFINITY
PRODC(1, 2, 9)	0.000000	68.98571	INFINITY
PRODC(1, 3, 1)	-1.300000	1.696842	INFINITY
PRODC(1, 3, 2)	-1.300000	2.903509	1.664912
PRODC(1, 3, 3)	-1.300000	1.688421	INFINITY
PRODC(1, 3, 4)	-1.300000	2.108889	1.887059
PRODC(1, 3, 5)	-1.900000	3.372632	8.773684
PRODC(1, 3, 6)	0.000000	227.5404	INFINITY
PRODC(1, 3, 7)	0.000000	213.7105	INFINITY
PRODC(1, 3, 8)	0.000000	173.3460	INFINITY
PRODC(1, 3, 9)	0.000000	82.52105	INFINITY
PRODC(2, 1, 1)	-1.000000	1.253333	1.280000
PRODC(2, 1, 2)	-1.500000	1.043077	1.369744
PRODC(2, 1, 3)	-1.100000	1.356000	1.320000
PRODC(2, 1, 4)	-1.500000	1.047451	0.7976471
PRODC(2, 1, 5)	-1.900000	9.529600	3.280000
PRODC(2, 1, 6)	0.000000	137.1880	INFINITY
PRODC(2, 1, 7)	0.000000	121.5400	INFINITY
PRODC(2, 1, 8)	0.000000	13.56000	17.80667
PRODC(2, 1, 9)	0.000000	142.2000	INFINITY
PRODC(2, 2, 1)	-1.100000	0.4400000	2.393333
PRODC(2, 2, 2)	-1.100000	2.304444	0.2555556
PRODC(2, 2, 3)	-1.100000	3.508571	2.962857
PRODC(2, 2, 4)	-1.200000	0.3285714	3.442857
PRODC(2, 2, 5)	-1.900000	9.393257	4.767619
PRODC(2, 2, 6)	0.000000	142.4506	INFINITY
PRODC(2, 2, 7)	0.000000	130.6943	INFINITY
PRODC(2, 2, 8)	0.000000	50.67143	192.3571
PRODC(2, 2, 9)	0.000000	143.7343	INFINITY
PRODC(2, 3, 1)	-1.300000	2.871579	1.696842
PRODC(2, 3, 2)	-1.300000	8.385263	0.5684211
PRODC(2, 3, 3)	-1.300000	3.395789	1.688421
PRODC(2, 3, 4)	-1.300000	0.7200000	3.637333
PRODC(2, 3, 5)	-1.900000	10.43288	3.372632
PRODC(2, 3, 6)	0.000000	195.3172	INFINITY
PRODC(2, 3, 7)	0.000000	184.5695	INFINITY
PRODC(2, 3, 8)	0.000000	109.0084	173.3460
PRODC(2, 3, 9)	0.000000	193.4095	INFINITY
INV(1, 1, 1)	-0.4800000	1.280000	INFINITY
INV(1, 1, 2)	-1.520000	2.486667	INFINITY

INV(1, 1, 3)	-0.3200000	1.320000	INFINITY
INV(1, 1, 4)	-0.8000000	2.000000	INFINITY
INV(1, 1, 5)	-2.080000	3.280000	INFINITY
INV(1, 1, 6)	-2.400000	163.5880	INFINITY
INV(1, 1, 7)	-2.560000	148.1000	INFINITY
INV(1, 1, 8)	-2.640000	183.7667	INFINITY
INV(1, 1, 9)	-4.400000	17.80667	INFINITY
INV(1, 2, 1)	-0.4000000	2.393333	INFINITY
INV(1, 2, 2)	-1.440000	3.600000	INFINITY
INV(1, 2, 3)	-0.4000000	2.962857	INFINITY
INV(1, 2, 4)	-0.8800000	3.442857	INFINITY
INV(1, 2, 5)	-1.920000	4.767619	INFINITY
INV(1, 2, 6)	-2.160000	203.8411	INFINITY
INV(1, 2, 7)	-2.640000	193.4190	INFINITY
INV(1, 2, 8)	-3.440000	192.3571	INFINITY
INV(1, 2, 9)	-6.320000	84.78571	INFINITY
INV(1, 3, 1)	-0.5600000	1.696842	INFINITY
INV(1, 3, 2)	-1.600000	2.903509	INFINITY
INV(1, 3, 3)	-0.4000000	1.688421	INFINITY
INV(1, 3, 4)	-0.9600000	2.400000	INFINITY
INV(1, 3, 5)	-2.160000	3.372632	INFINITY
INV(1, 3, 6)	-0.2400000	227.5404	14.49120
INV(1, 3, 7)	-1.440000	217.3105	INFINITY
INV(1, 3, 8)	-1.920000	173.3460	INFINITY
INV(1, 3, 9)	-4.720000	94.32105	INFINITY
INV(2, 1, 1)	-0.5376000	5.070933	INFINITY
INV(2, 1, 2)	-1.702400	6.735733	INFINITY
INV(2, 1, 3)	-0.3584000	5.875067	INFINITY
INV(2, 1, 4)	-0.8960000	7.696000	INFINITY
INV(2, 1, 5)	-2.329600	9.529600	INFINITY
INV(2, 1, 6)	-2.688000	137.1880	4.912000
INV(2, 1, 7)	-2.867200	17.02720	INFINITY
INV(2, 1, 8)	-2.956800	66.99680	INFINITY
INV(2, 1, 9)	-4.928000	81.88800	INFINITY
INV(2, 2, 1)	-0.4480000	5.288000	INFINITY
INV(2, 2, 2)	-1.612800	6.452800	INFINITY
INV(2, 2, 3)	-0.4480000	6.356571	INFINITY
INV(2, 2, 4)	-0.9856000	6.994171	INFINITY
INV(2, 2, 5)	-2.150400	9.393257	INFINITY
INV(2, 2, 6)	-2.419200	142.4506	1.820800
INV(2, 2, 7)	-2.956800	15.99680	INFINITY
INV(2, 2, 8)	-3.852800	107.3642	INFINITY
INV(2, 2, 9)	-7.078400	43.59840	INFINITY
INV(2, 3, 1)	-0.6272000	7.658779	INFINITY
INV(2, 3, 2)	-1.792000	8.823579	INFINITY
INV(2, 3, 3)	-0.4480000	8.243789	INFINITY
INV(2, 3, 4)	-1.075200	9.635200	INFINITY
INV(2, 3, 5)	-2.419200	10.43288	INFINITY
INV(2, 3, 6)	-0.2688000	195.3172	14.49120
INV(2, 3, 7)	-1.612800	10.45280	INFINITY
INV(2, 3, 8)	-2.150400	168.2788	INFINITY
INV(2, 3, 9)	-5.286400	34.20640	INFINITY

Righthand Side Ranges:

Current	Allowable	Allowable
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Row	RHS	Increase	Decrease
2	12000.00	INFINITY	633.5714
3	15000.00	2685.000	2932.500
4	22000.00	INFINITY	2107.895
5	12000.00	INFINITY	250.0000
6	15000.00	2685.000	3615.000
7	22000.00	INFINITY	2107.895
8	20000.00	1267.143	3351.429
9	40000.00	INFINITY	16200.00
10	35000.00	4450.000	3007.500
11	20000.00	500.0000	6420.000
12	40000.00	INFINITY	16200.00
13	35000.00	4450.000	3007.500
14	5500.000	INFINITY	5500.000
15	5000.000	INFINITY	5000.000
16	6000.000	INFINITY	6000.000
17	5500.000	INFINITY	5500.000
18	5000.000	INFINITY	5000.000
19	6000.000	INFINITY	6000.000
20	1000.000	209.4643	191.7857
21	1000.000	INFINITY	191.7857
22	20000.00	INFINITY	1533.233
23	20000.00	INFINITY	1916.805
24	0.000000	837.8571	0.000000
25	0.000000	767.1429	1132.857
26	0.000000	670.2857	200.0000
27	0.000000	558.5714	1411.429
28	0.000000	558.5714	1411.429
29	0.000000	27.92857	0.000000
30	0.000000	27.92857	0.000000
31	0.000000	29.50549	0.000000
32	0.000000	49.28571	0.000000
33	0.000000	837.8571	0.000000
34	0.000000	1032.857	867.1429
35	0.000000	651.6667	200.0000
36	0.000000	651.6667	30.00000
37	0.000000	586.5000	537.0000
38	0.000000	28.19712	0.000000
39	0.000000	27.79621	0.000000
40	0.000000	24.18060	0.000000
41	0.000000	48.87500	0.000000
42	0.000000	401.0000	0.000000
43	0.000000	401.0000	837.8571
44	0.000000	353.8235	100.0000
45	0.000000	316.5789	1668.421
46	0.000000	375.9375	1981.250
47	0.000000	0.000000	INFINITY
48	0.000000	14.56416	0.000000
49	0.000000	9.748784	0.000000
50	0.000000	27.59174	0.000000
51	0.000000	0.000000	1605.000
52	0.000000	100.0000	767.1429
53	0.000000	200.0000	1284.000
54	0.000000	900.0000	1070.000
55	0.000000	900.0000	250.0000
56	0.000000	INFINITY	0.000000

57	0.000000	100.0000	0.000000
58	0.000000	300.0000	0.000000
59	0.000000	0.000000	53.50000
60	0.000000	0.000000	1032.857
61	0.000000	867.1429	1032.857
62	0.000000	200.0000	803.3333
63	0.000000	30.00000	803.3333
64	0.000000	537.0000	723.0000
65	0.000000	INFINITY	0.000000
66	0.000000	100.0000	0.000000
67	0.000000	0.000000	34.75962
68	0.000000	400.0000	0.000000
69	0.000000	0.000000	401.0000
70	0.000000	2000.000	401.0000
71	0.000000	100.0000	353.8235
72	0.000000	1668.421	316.5789
73	0.000000	1981.250	375.9375
74	0.000000	INFINITY	0.000000
75	0.000000	100.0000	0.000000
76	0.000000	0.000000	14.25355
77	0.000000	400.0000	0.000000