Problem 7 – Textboook 2.15
I typed it into excel because it was easier to fix my mistakes :)

Cell	F	T	FS(i)	TE(i)	g(i)
1	A	B	0	1	-1
2	A	B	1	3	-2
3	A	B	0	2	-2
4	A	B	0	2	-2
5	A	B	0	2	-2
6	B	A	1	0	1

G1(1) = -1

Cell	Weight
1	3
2	2
3	4
4	1
5	3
6	5

Cell	m		q		k		p		j		Gain	
	F	T	F	T	F	T	F	T	F	T		
2	2	1	3	0	2	0	1	1	-	-	-1	2.2<8<12.2
3	2	1	3	0	-	-	-	-	-	-	-1	
4	-	-	3	0	-	-	-	-	2	0	-2	
5	-	-	-	-	2	0	-	-	2	0	-2	
6	-	-	-	-	-	-	1	1	-	-	1	2.2<15<12.2

G2(2) = -1

Cell	m		q		k		p		j		Gain	
	F	T	F	T	F	T	F	T	F	T		
3	1	2	2	1	-	-	-	-	-	-	1	2.2<4<12.2
4	-	-	2	1	-	-	-	-	2	0	-1	
5	-	-	-	-	1	1	-	-	2	0	0	
6	-	-	-	-	-	-	2	0	-	-	-1	

G3(3) = 1

Cell	m		q		k		p		j		Gain	
	F	T	F	T	F	T	F	T	F	T		
4	-	-	1	2	-	-	-	-	2	0	0	2.2<3<12.2
5	-	-	-	-	1	1	-	-	2	0	0	
6	-	-	-	-	-	-	2	0	-	-	-1	

G4(4) = 0

Cell	m		q		k		p		j		Gain
	F	T	F	T	F	T	F	T	F	T	
5	-	-	-	-	1	1	-	-	1	1	2
6	-	-	-	-	-	-	2	0	-	-	-1

At this point, can't move 5 or 6 or would lose balance factor