

Total Weight = 7

4 items: A B C D
 weight 1 3 4 5
 benefit (1) (4) (5) (7)

K items

benefit	wt	w							
		0	1	2	3	4	5	6	7
#1-	1								
#4-	3								
#5-	4								
#7-	5								

K items

benefit	wt	w							
		0	1	2	3	4	5	6	7
#1-	1	0	1	1	1	1	1	1	1
#4-	3			1					
#5-	4								
#7-	5								

benefit	wt	w							
		0	1	2	3	4	5	6	7
#1-	1	0	1	1	1	1	1	1	1
#4-	3	0	1	1	4				
#5-	4								
#7-	5								

benefit	wt	w							
		0	1	2	3	4	5	6	7
#1-	1	0	1	1	1	1	1	1	1
#4-	3	0	1	1	4	5	5		
#5-	4								
#7-	5								

benefit	wt	w							
		0	1	2	3	4	5	6	7
#1-	1	0	1	1	1	1	1	1	1
#4-	3	0	1	1	4	5	5	5	5
#5-	4								
#7-	5								

benefit	wt	w							
		0	1	2	3	4	5	6	7
#1-	1	0	1	1	1	1	1	1	1
#4-	3	0	1	1	4	5	5	5	5
#5-	4	0	1	1	4	5			
#7-	5								

benefit	wt	w							
		0	1	2	3	4	5	6	7
#1-	1	0	1	1	1	1	1	1	1
#4-	3	0	1	1	4	5	5	5	5
#5-	4	0	1	1	4	5	6		
#7-	5								

benefit	wt	w							
		0	1	2	3	4	5	6	7
#1-	1	0	1	1	1	1	1	1	1
#4-	3	0	1	1	4	5	5	5	5
#5-	4	0	1	1	4	5	6	6	9
#7-	5								

benefit	wt	w							
		0	1	2	3	4	5	6	7
#1-	1	0	1	1	1	1	1	1	1
#4-	3	0	1	1	4	5	5	5	5
#5-	4	0	1	1	4	5	6	6	9
#7-	5	0	1	1	4	5	7		

benefit	wt	w							
		0	1	2	3	4	5	6	7
#1-	1	0	1	1	1	1	1	1	1
#4-	3	0	1	1	4	5	5	5	5
#5-	4	0	1	1	4	5	6	6	9
#7-	5	0	1	1	4	5	7	8	

benefit	wt	w							
		0	1	2	3	4	5	6	7
#1-	1	0	1	1	1	1	1	1	1
#4-	3	0	1	1	4	5	5	5	5
#5-	4	0	1	1	4	5	6	6	9
#7-	5	0	1	1	4	5	7	8	9