Project: RSL Rover
System: Sensor Configuration
Date: 11/10/2015

Criterion	1	2	3	4	5	6	7	8	9	10	11	12	SUM	FACTOR
1 Implementation Time	■	0	0	0	0.5	1	0.5	0	1	0	0.5		3.5	3.5
2 Forward FOV	1	■	1	1	1	1	1	1	1	0.5	0.5		9	9
3 Reverse FOV	1	0	■	0	0	1	0.5	0	1	0	0		3.5	3.5
4 Side FOV	1	0	1	■	0.5	1	1	0.5	1	1	0.5		7.5	7.5
5 Blind Spots	0.5	0	1	0.5	■	1	1	1	1	0.5	0.5		7	7
6 Weight	0	0	0	0	0	■	0	0	0	0	0		0	0
7 Material Cost	0.5	0	0.5	0	0	1	■	1	1	0	0.5		4.5	4.5
8 Perspective Height	1	0	1	0.5	0	1	0	■	1	0.5	0		5	5
9 Vertical Clearance	0	0	0	0	0	1	0	0	■	0	0		1	1
10 Electrical Power	1	0.5	1	0	0.5	1	1	0.5	1	■	1		7.5	7.5
11 Robustness	0.5	0.5	1	0.5	0.5	1	0.5	1	1	0	■		6.5	6.5
12	1	1	1	1	1	1	1	1	1	1	1	■	11	11

Fill in Purple squares above

Fill in upper triangle of the matrix
    Working across each row, determine if the criterion in that row is more important (1), same importance (0.5) or less important (0) than the criterion in that column

Assign weighting factors for each criterion in the Yellow squares