

### STEP 1.

A(2,3) B(5,7) C(11,13) D(17,19) E(23,29)  
F(31,37) G(41,43) H(47,53) I(59,61) J(67,71)

Step	Cluster 1	Mean Vector	Cluster 2	Mean Vector.
1	A	(2,3)	B	(5,7)
2	A	(2,3)	B, C	(8, 10)
3.	A	(2,3)	B, C, D	(11, 13)
4.	A	(2,3)	B, C, D, E	(14, 17)
5	A	(2,3)	B, C, D, E, F	(17.4, 21)
6.	A	(2,3)	B, C, D, E, F, G	(21.33, 24.66)
7.	A	(2,3)	B, C, D, E, F, G, H	(25, 28.71)
8	A	(2,3)	B, C, D, E, F, G, H, I	(29.25, 32.75)
9	A	(2,3)	B, C, D, E, F, G, H, I, J	(33.44, 35.88)

### STEP 2.

Step	Cluster 1	Mean Vector	Cluster 2	Mean Vector.
1.	A	(2,3)	J	(67,71).
2.	A, B	(3.5, 5)	J	(67,71).
3	A, B, C	(6, 7.66)	J	(67,71)
4	A, B, C, D	(8.75, 10.5)	J	(67,71)
5	A, B, C, D, E	(11.6, 14.2).	J	(67,71)
6	A, B, C, D, E, F	(14.83, 18)	J	(67,71)
7.	A, B, C, D, E, F, G	(18.57, 21.57)	J	(67,71)
8	A, B, C, D, E, F, G	(18.57, 21.57)	J, H,	(57, 62)
9.	A, B, C, D, E, F, G	(18.57, 21.57)	J, H, I	(57, 66, 61.66)