

Ex 4.

Round 1: Center is underlined
a) Cluster 1: A

Cluster 2: B

Cluster 3: C, D, E, F, G, H

Round 2:

Cluster 1: A

Cluster 2: B, C

Cluster 3: (7.5, 6), D, E, F, G, H

Round 3:

Cluster 1: A, B

Cluster 2: (3, 3.5), C

Cluster 3: (8.5, 5.6), D, E, F, G, H

Round 4:

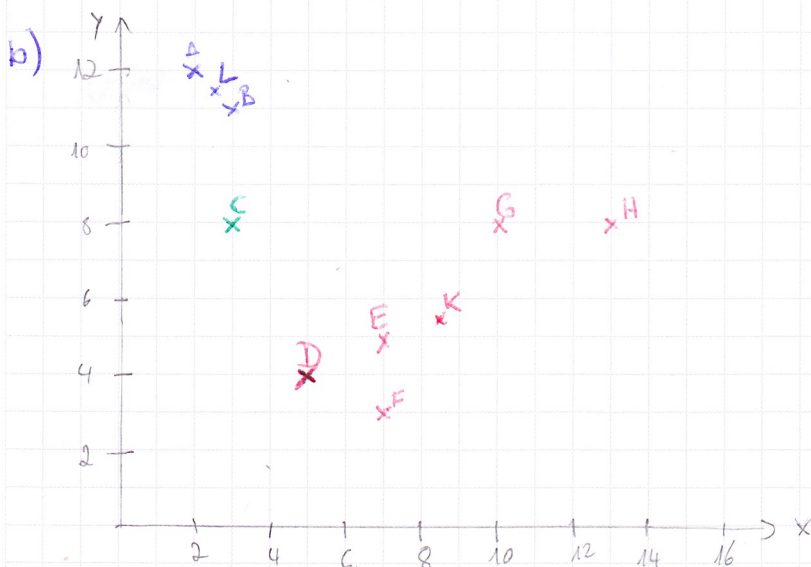
Cluster 1: (2.5, 11.5), A, B

Cluster 2: C

Cluster 3: (8.5, 5.6), D, E, F, G, H

Stays the same as in Round 3

↳ Alg. determines



L is mean of cluster 1: (2.5, 11.5)

C is mean of cluster 2: (3, 3.5)

K is mean of cluster 3: (8.5, 5.6)