K-means

1. Compute the new position of the cluster centres after 1 step of k-means. Data: <1, 1>, <0, 2>, <-1, 2>, <5, 6>, <7, 5>. Cluster centres: <-1, -1>, <4,6>.
2. Same as (1), with the single cluster centre: <1, -1>
3. Same as (1), with data: <1, 3>, <2, 2>, <3, -1>, <4,2>, <5,-3>, <5,4>, <4,5>, <3,-6>, <2,5>; and centres: <0,1>, <0, -1>.