b] Time complexity of kmeans algorithm is

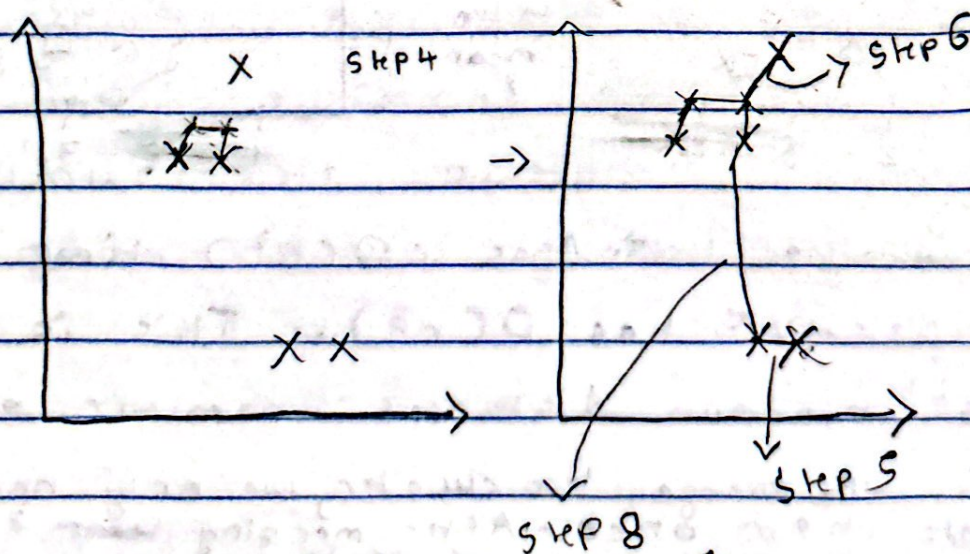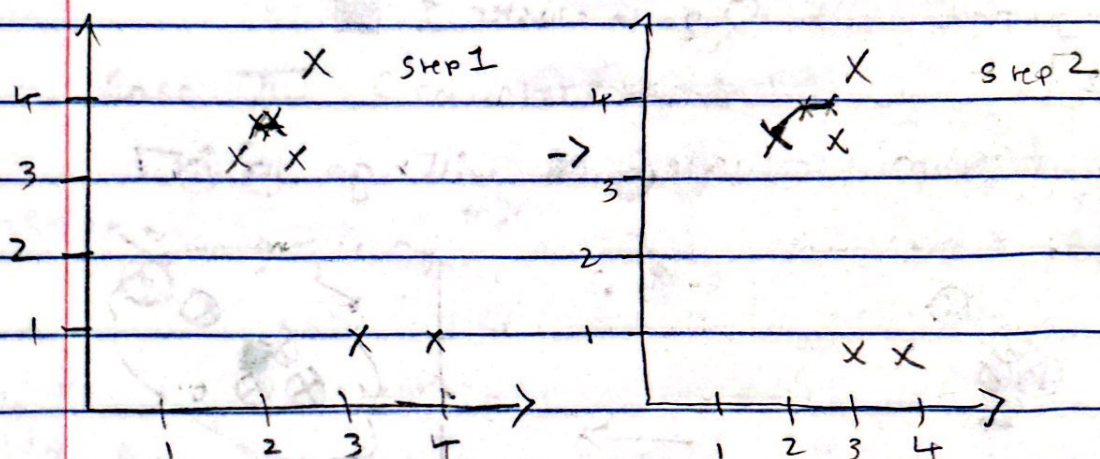$$O(n d K T) \quad \text{or} \quad O(n d K)$$

n → number of points in the dataset

d → dimentions of the dataset

K → number of clusters or number
of cluster centers.

T → number of itterations which is
small, so it can be ignored

c] Steps

★ because I am lazy to draw 3 more graphs