Name:

NetID:

1.) In your own words, what is the difference between agglomerative hierarchical clustering and divisive hierarchical clustering?

Agglomerative merges clusters from small to big, bottom up.

Divisive divides clusters big to small, top-down.

2.) What, primarily, is the purpose of unsupervised learning and how does it differ from supervised learning?

With unsupervised learning you try and discover hidden patterns in the data.

Unsupervised learning has no ground truth unlike supervised learning.