Life's Family Tree   Name: _____

Part 1: Complete the Cladogram - (reference online activity 15-4 "build a cladogram" -
http://www.pearsonsuccessnet.com/snpapp/iText/products/0-13-115075-8/index.html to complete the chart below).

Derived characters	Monkey	Bony Fish	Lizard	Shark	Kangaroo
Lungs					
Vertebral column					
Placenta					
Bony skeleton					
Hair					

a) Is the information in the cladogram above based on fossils, anatomy, molecular biology, or embryology?

Part 2: Make a Phylogeny – Use the information from the cladogram above to complete the phylogeny below.
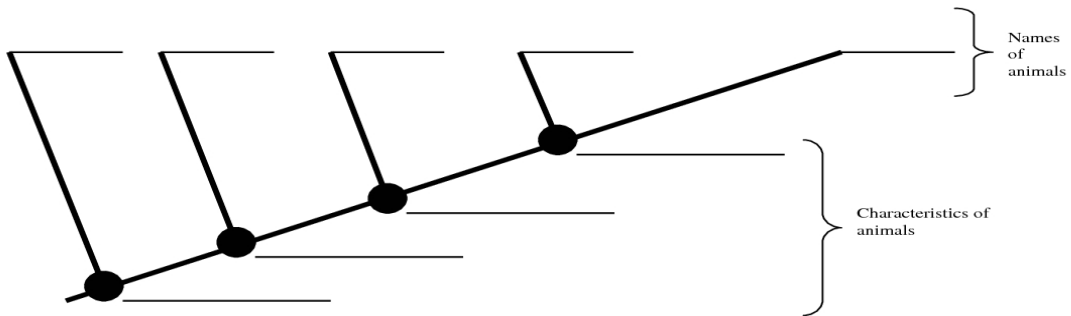
a) Where on this "evolutionary tree" would you include humans?

b) Which characteristic is the most *"primitive"* versus one which is most *"derived?"*