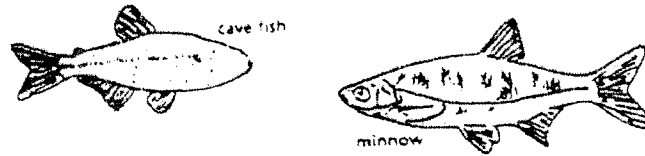
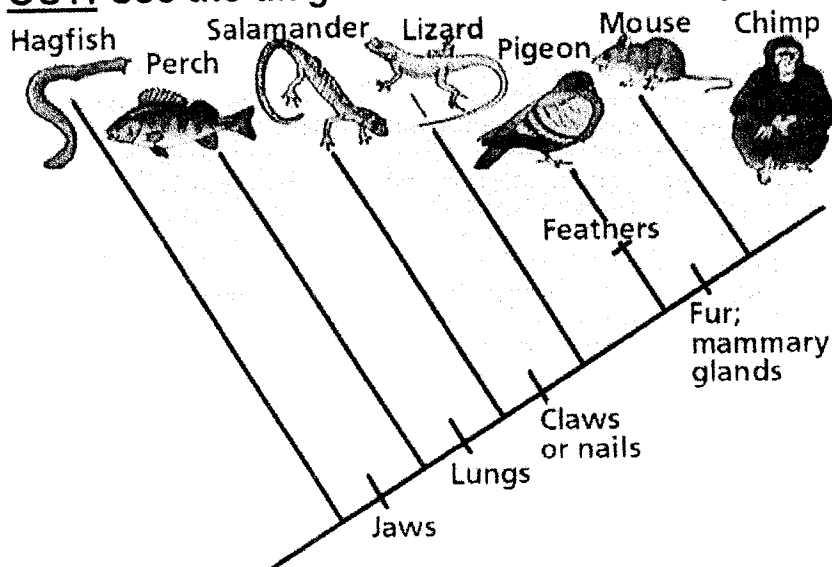


IN: Gradual changes have occurred through time that have in some cases reduced or removed the function of some body structures and organs. The penguin's wings and the leg bones of snakes are examples of this phenomenon. Compare the overall body structure of the cave fish and the minnow below.



1. What is the biggest, most obvious difference between the body structure of these 2 fish?
2. What do you think has become the most important adaptation of the cave fish (think about senses)?
3. Assume the two fish came from the same original ancestor. Why might the cave fish have evolved without eyesight?

OUT: Use the diagram below to answer questions



1. How many derived characteristics are represented on the diagram above?
2. Which animals have claws or nails?
3. Which animals have jaws?
4. How many derived characteristics separate hagfish from pigeons and what are they?