

Darwin vs. Lamarck : Comparing Theories Worksheet

Directions: Determine which scientist would have agreed with the following statements in questions 1-9.

Topic	Who thought this: Darwin, Lamarck or Both?
1. Organisms have changed over time.	
2. Organisms changed because they wanted to survive.	
3. There was variation within the traits in the population.	
4. Certain traits helped organisms survive and reproduce better than other organisms without those traits.	
5. The environment had something to do with why the organisms changed.	
6. Parents are able to pass on traits they acquired during their lifetime to their offspring.	
7. Parents are only able to pass on traits that they were born with.	
8. Organisms could decide to change something about their body and pass that change onto their offspring.	
9. Single organisms cannot change their inherited traits, but the frequency of a trait within a population of organisms can change over time.	

10. In your own words, summarize Lamarck's Theory of Acquired Characteristics:

11. In your own words, summarize Darwin's Theory of Natural Selection:
