

Name _____ **answer** _____ Date _____

EVOLUTION STUDY GUIDE

Answer the questions below.

1. What is biological evolution?

change in gene frequency in a population over time. It has shaped changes in organisms from their earliest beginnings to now.

2. Compare microevolution vs macroevolution. How are they different?

Microevolution is evolution of a single population (caused by genetic variability), whereas macroevolution is the evolution of an entire species (because of the environment).

3. What is common ancestor?

An ancestor that is shared by two similar species.

4. Biological evolution occurs through natural selection. What is natural selection?

Survival of the fittest - whoever is most fit to survive in the environment will live and make more babies.

5. What are the four principles of natural selection?

Overproducing of offspring, variation, adaptation, and descent with modification.

6. How does overproduction of offspring influenced by natural selection?

The more offspring an organism has, the more likely some will survive to reproduce.