

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

## Video worksheet: "What is the Evidence for Evolution?"

### HONORS BIOLOGY: UNIT 8

**Directions:** Answer the questions as you watch the video "What is Evidence of Evolution?"

1. What is the study of **comparative anatomy**?

2. In what way are whales different than fishes?

3. What structures do whales and land mammals have in common?

4. What is the study of **embryology**?

5. What similarities can be found in the **embryos** of different mammals?

6. What evidence is there that the *Basilosaurid* whale is an intermediate species between modern whales and their ancient land mammals?

7. According to DNA comparisons, what is the closest DNA match to the modern whale?

8. Does this mean that whales evolved from hippos? explain

9. What anatomical evidence suggests whales and hippos are related?

10. What did bats wings evolve from?

11. Name 4 things that suggest that all living things share a common ancestor.