**Evidence for Evolution**

**Video**

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What are the 2 very bold claims does the theory of Biological Evolution make about living creatures?

2. How many species are estimated to be alive today?

3. What is comparative anatomy?

4. Name 3 anatomical reasons we know whales are mammals.

5. Name a HOMOLOGOUS structure that whales have with bats and people.

6. Name a VESTIGIAL structure that whales have.

7. What is Embryology?

8. How is the Basiloaurid whale nasal opening different from modern whales?

9. What do we find at the back end of a Baliosaurid’s body?

10. Why is the Maiacetus considered to be a whale?

11. What animal has DNA shown is a close relative to whales?

12. What did bat wings evolve from?