

Name-_____ Date-_____

Period-_____

Stated Clearly- What is the Evidence for Evolution?

Go to <https://www.youtube.com/watch?v=IEoO5KdPvg>

Answer the following questions.

Questions-

1. What are two claims made by the theory of evolution?

a. _____

b. _____

2. List 3 of the lines of evidence for evolution

a. _____

b. _____

c. _____

3. What branch included whales, dolphins and porpoises?

4. Whales, dolphins and porpoises evolved from what?

5. What is comparative anatomy?

List 3 ways whales different from fish

a. _____

b. _____

c. _____

6. How many nasal passages do dolphins have?_____

7. What is located in a whale flipper?

9. Do whales have leg bones?_____

10. What is embryology?

11. Both human and whale embryos have _____ and _____.

12. How long ago did Basilosaurid live? _____

13. Where is Basilosaurid nasal opening? _____

14. List 2 ways we know Maiacetus was a whale?

a. _____

b. _____

15. Maiacetus is called a _____.

16. DNA contains _____.

17. Whales closest living DNA match is a _____.

18. About how long ago did the whale/hippo common ancestor live? _____

19. Whales and hippos share what characteristics?

a. _____

b. _____

c. _____

20. Bird wings are modified _____.