





Date: _____

Name: _____

Class: _____

1 Which of the following animals is a vertebrate?

- A 
- B 
- C 
- D 

2 Why aren't humans considered ectothermic?

- A Because our body temperatures generally stay the same in all conditions
- B Because we give birth to live young
- C Because we have skeletons made of bone, not cartilage
- D Because we can't breathe underwater

3 In the sentence, "Fish gills are analogous to human lungs," what does "analogous to" mean?

- A Less evolved than
- B Exactly the same as
- C Different than
- D Comparable to

4 What can you infer about cartilaginous fish from the size of their brains?


- A On the whole, they're more intelligent than other vertebrates
- B On the whole, they're less intelligent than bony fish
- C On the whole, they're more intelligent than bony fish
- D On the whole, they're less intelligent than invertebrates

5 Just as fish have fins, boats and airplanes have finlike structures. What can you conclude about the purpose of fins? Choose the best answer.

- A They're the most important part of a fish's body
- B They're used to reduce the weight of flying and swimming objects
- C They guide the movement of objects through water or air
- D They prevent both fish and boats from sinking

6 In the sentence, "A fish's streamlined body helps it move through the water," what's the best synonym for "streamlined"?

- A Scaly
- B Sleek
- C Wet
- D Wide

7  What might happen to a fish if its swim bladder were injured?

- A It couldn't move forward through the water
- B It couldn't regulate its depth in the water
- C It couldn't breathe underwater
- D It couldn't release waste from its body

8 Which of the following is an opinion about fish?

- A There are more fish species than mammal species
- B The mouths of lampreys are strange-looking
- C Fish can be found in both freshwater and saltwater habitats
- D Many species of fish eat other fish to survive

9  Which word best describes cartilaginous fish?

- A Boneless
- B Vegetarian
- C Slow
- D Warm-blooded

10 What can a shark do that a lamprey can't?

- A Eat meat
- B Breathe underwater
- C Regulate its depth in the water
- D Chew its food