1. _____ lay eggs, have feathers, and have hollow bones.

2. Which of the following is the MOST important reason that scientists classify organisms?
   a. It helps scientists name different organisms.
   b. It makes it easy for scientists to catch organisms in their habitat.
   c. It allows scientists to group organisms by their similarities and differences.
   d. It helps scientists understand animal behavior.

3. Which of these animals is a vertebrate?
   a. Lobster
   b. Bird
   c. Spider
   d. All of the above

4. Why is your answer from question 3 a vertebrate?
   a. because it has a backbone
   b. because it does not have a backbone
   c. because it has live young
   d. because it is cold-blooded

5. A spider is a(n) _____ because it does not have a backbone.

6. Which of the following is classified as a fish?

   a.

   b.

   c.

   d.
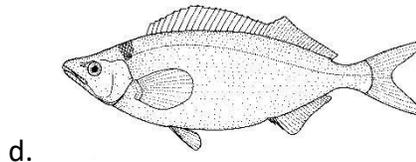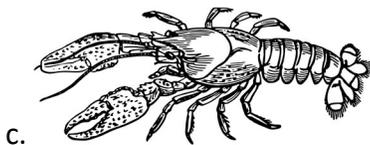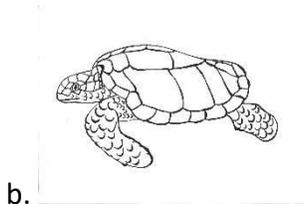
7. Use the table below to answer:

Vertebrate Attributes

Organism	Characteristic
1	Live birth, warm-blooded, hair or fur
2	Lay eggs in water, have smooth, wet skin, changes from water to air breathing
3	Lay eggs, scales or plates for skin, cold-blooded

The table shows the attributes of three different groups of vertebrates. Using the information, circle the letter that represents the order of the animals within the table.

a. 1 = Mammals, 2 = Birds, 3 = Amphibians
b. 1 = Fish, 2 = Birds, 3 = Reptiles
c. 1 = Fish, 2 = Amphibians, 3 = Birds
d. 1 = Mammals, 2 = Amphibians, 3 = Reptiles

8. Which group of vertebrate has the same attributes as marked in column 3?

	1	2	3	4
Reproduces in water		X		
Lays eggs		X	X	X
Has teeth	X		X	
Cold-blooded		X	X	

a. Reptile
b. Bird
c. Amphibian
d. Mammal

Read the following information to answer question 9:

Johnny was in the woods when he heard a high-pitched bark. Down the trail, he saw a quick movement. He noticed an animal with four legs that ran quickly under the brush. As the animal ran away, he admired its long tail with red fur. As he made his way closer, he was startled when the animal turned and showed him its sharp teeth.

9.   Johnny thought that the animal he saw was a reptile. Was he correct? Use details from the text to describe why you agree or disagree with Johnny. If you disagree, make sure that you include the correct classification for this animal in your response.

_____

_____

_____

_____

_____

_____

Read the rubric below to make sure you receive total points for this question.

	0	6
Response	Incorrect	Correct
Cite text evidence	I cited details from the text.	I did not cite details from the text.
Length	I wrote less than 3 sentences.	I wrote 3 or more sentences
Total Points		/18

10. Give an example of one amphibian and one mammal. Provide three to five characteristics per example to describe why each animal fits into that category.

_____

_____

_____

_____

_____

_____

Read the rubric below to make sure you receive total points for this question.

	0	3	6
Examples	No animal examples were correct	One animal example was correct	Both animal examples were correct
Characteristics of amphibian	No correct characteristics	1-2 correct characteristics	3-5 correct characteristics
Characteristics of reptile	No correct characteristics	1-2 correct characteristics	3-5 correct characteristics
Total Points			/18

Answer Key

Grading: This test should be graded on a 100-point scale. All multiple-choice questions are worth 8 points. Constructed Response questions are worth a total of 18 points each.

1. c

2. c

3. b

4. a

5. invertebrate

6. d

7. d

8. a

9. See rubric below:

	0	6
Response	Incorrect	Correct
Cite text evidence	Student does not cite details from the text.	Student cites details from the text.
Length	Less than 3 sentences.	3 or more sentences
Total Points	/18	

10. See rubric below:

	0	3	6
Examples	No animal examples were correct	One animal example was correct	Both animal examples were correct
Characteristics of	No correct	1-2 correct	3-5 correct

amphibian	characteristics	characteristics	characteristics
Characteristics of reptile	No correct characteristics	1-2 correct characteristics	3-5 correct characteristics
	Total Points		/18