

Classification

Name: _____

Date: _____

1. A teacher asks her students to classify four animals by completing the chart shown below.

Classification of Four Animals

Animal	Outer Covering	Lays eggs	Classification
1	fur	no	?
2	scales	yes	?
3	smooth skin	yes	?
4	feathers	yes	?

Which column correctly completes the chart?

- A.

Classification
amphibian
reptile
mammal
bird

B.

Classification
amphibian
bird
reptile
mammal
- C.

Classification
mammal
amphibian
bird
reptile

D.

Classification
mammal
reptile
amphibian
bird

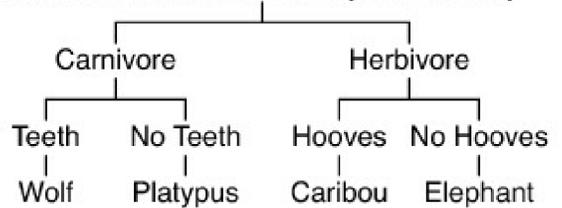
2. Many life scientists study only one kind of animal their entire career. Which type of life scientist would likely study the animal shown below?



- A. fish scientist B. snail scientist
 C. insect scientist D. reptile scientist

3. According to the classification key, what characteristic does a wolf have in common with a caribou?

Animals with Backbones (Vertebrates)



- A. Backbone B. Flat tails
 C. Hooves D. Teeth

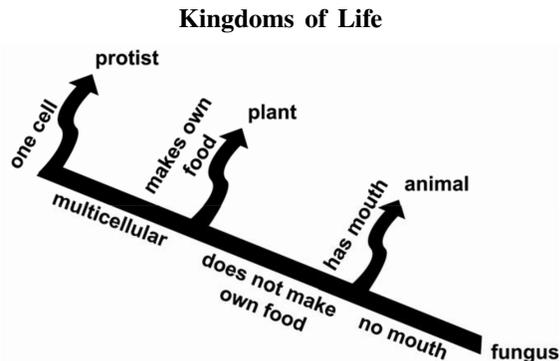
4. The table below shows the classifications of four animals.

Animal Classification				
Animal	Q	R	S	T
Kingdom	Animalia	Animalia	Animalia	Animalia
Phylum	Chordata	Chordata	Chordata	Chordata
Class	Mammalia	Mammalia	Mammalia	Mammalia
Order	Carnivora	Rodentia	Rodentia	Carnivora
Family	Canidae	Muridae	Muridae	Felidae
Genus and Species	<i>Canis familiaris</i>	<i>Mus musculus</i>	<i>Mesocricetus auratus</i>	<i>Felis sylvestris</i>

According to their classification, which of the following animals are *most* closely related?

- A. Q and R B. S and T
C. Q and T D. R and S

5. Use this key to answer the question.



This key is used to classify certain kinds of living organisms into kingdoms.

According to the key, which kind of organism is multicellular, doesn't make its own food, and doesn't have a mouth?

- A. a protist B. a plant
C. an animal D. a fungus

6. Use this dichotomous key to answer the question.

Reptiles and Amphibians		
1a.	Has external gills	Go to 6.
1b.	Does not have external gills	Go to 2.
2a.	Has scales	Go to 3.
2b.	Does not have scales	Go to 4.
3a.	Has a shell	turtle
3b.	Does not have a shell	Go to 5.
4a.	Has a tail as an adult	Go to 6.
4b.	Does not have a tail as an adult	frog
5a.	Has legs	lizard
5b.	Does not have legs	snake
6a.	Has coastal grooves along the side	salamander
6b.	Does not have coastal grooves along the side	newt

Trish constructed a dichotomous key to help identify the reptiles and amphibians living in a certain area. Which phrase describes a lizard?

- A. an animal with scaly skin and a shell but no external gills
B. an animal with scaly skin and legs but no shell
C. an animal with legs and coastal grooves but no tail
D. an animal with external gills and a tail but no coastal grooves

7. Which of the following is an example of a prokaryotic organism?

- A. bacterium B. celery
C. horse D. mushroom

8. All organisms classified in kingdom Animalia must also be classified as which of the following?

- A. Archaea B. Eubacteria
C. Eukaryota D. Protista

Classification 12/29/2016

- | | |
|---------|---|
| 1. | |
| Answer: | D |
| 2. | |
| Answer: | C |
| 3. | |
| Answer: | A |
| 4. | |
| Answer: | D |
| 5. | |
| Answer: | D |
| 6. | |
| Answer: | B |
| 7. | |
| Answer: | A |
| 8. | |
| Answer: | C |