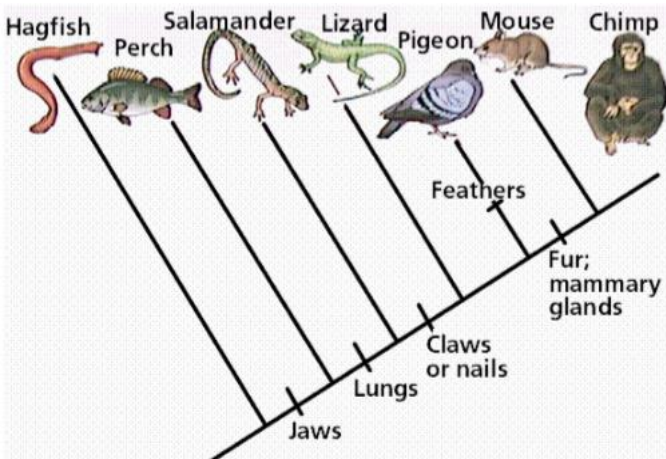


### Classification Homework

Find and match the scientific names of the organisms' common names using the following key:

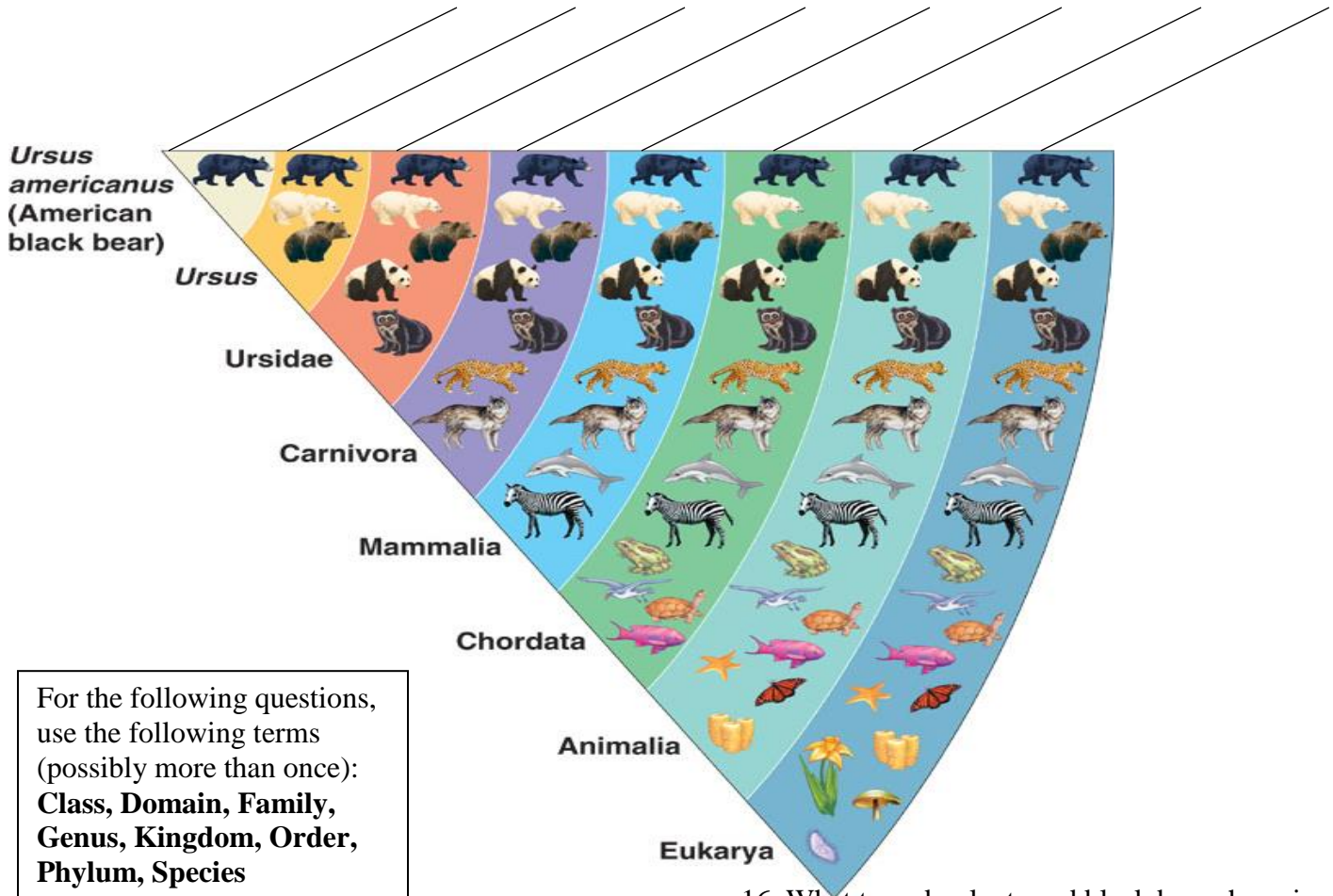
1. animal not an animal	go to 2 go to 11
2. has wings no wings	go to 3 go to 6
3. has feathers no feathers	go to 4 <i>Ochloerotatus taeniorhynchus</i>
4. flies high does not fly high	go to 5 <i>Meleagris gallopavo</i>
5. often yellow not yellow	<i>Serinus canaria</i> <i>Haliaeetus leucocephalus</i>
6. lives in water lives on land	go to 9 go to 7
7. has fluffy fur no fluffy fur	go to 8 <i>Bos taurus</i>
8. common pet not a common pet	<i>Canis familiaris</i> <i>Mephitis mephitis</i>
9. has fins no fins	go to 10 <i>Haematopus ostralegus</i>
10. razor sharp teeth pegged, pointy teeth	<i>Carcharodon carcharias</i> <i>Tursiops truncatus</i>
11. green not green	go to 12 go to 13
12. grows tall does not grow tall	<i>Pinus ponderosa</i> <i>Rhus toxicodendron</i>
13. can be poisonous not poisonous	<i>Boletus edulis</i> <i>Rosa sylvestris</i>

Common Name	Scientific Name	Common Name	Scientific Name
1. dog		4. eagle	
2. shark		5. oyster	
3. pine tree		6. mosquito	



- What are 2 differences between mice and pigeons?
- Salamander and lizards have which 2 common traits?
- Which 3 organisms do not have claws or nails?
- Which 3 traits evolved after lizards?

11. Label the diagram below with the correct taxa (ex. "Domain," "Genus," etc.)



For the following questions, use the following terms (possibly more than once): **Class, Domain, Family, Genus, Kingdom, Order, Phylum, Species**

12. What level is the most diverse?

\_\_\_\_\_

13. What level is the most specific?

\_\_\_\_\_

14. What level represents the smallest group?

\_\_\_\_\_

15. Wolves and black bears share the same order. What other taxa do they have in common?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

16. What taxa do plants and black bears have in common?

\_\_\_\_\_

\_\_\_\_\_

17. What taxa are not the same between cheetahs and bears?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

18. Who is more closely related to the bear: dolphins or birds? Why?

\_\_\_\_\_

\_\_\_\_\_

