

VLA Basic Biology: Unit 35 Worksheet Answer Key

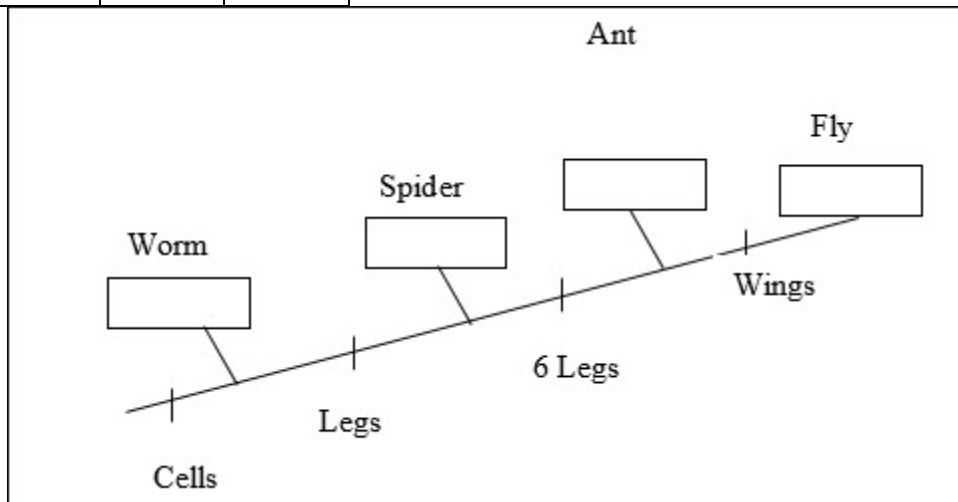
A. Place the following taxa in proper order from the broadest level to the most specific.

Class, Domain, Family, Genus, Kingdom, Order, Phylum, Species

- | | |
|------------|------------|
| 1. DOMAIN | 5. ORDER |
| 2. KINGDOM | 6. FAMILY |
| 3. PHYLUM | 7. GENUS |
| 4. CLASS | 8. SPECIES |

B. Fill in the following table. Mark an “x” if an organism has the trait. Then fill in the cladogram below using the information from the chart.

	Cells	Legs	6 legs	Wings
Worm	X			
Spider	X	X		
Ant	X	X	X	
Fly	X	X	X	X



C. Using the key on the right, name the organism below. List the steps you used to arrive at the name. Write the scientific name correctly.

1. animal	go to 2
not an animal	go to 11
2. has wings	go to 3

no wings	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>

Eagle

Steps: 1, 2, 3, 4, 5

Scientific Name: *Haliaeetus leucocephalus* or

Haliaeetus leucocephalus