Name: _____

Phylum Mollusca Web Quest

In a google search, type in "Mollusca Berkeley"
Click the link - http://www.ucmp.berkeley.edu/mollusca/mollusca.html
Underneath the picture on this page, click the word "Mollusca" where it says: "Our new Mollusca pages are up!"

1. How many living species of mollusks are there today?

Scroll down to the "Systematics" heading and look at the cladogram. On the cladogram, click: Bivalvia

2. How many described species of bivalves exist?

3. What are the two extinct bivalve groups of the Cambrian period?

4. Why are these two groups currently listed OUTSIDE the bivalve group?

5. What do many bivalves use their foot for?

6. Scallops belong to the Order Pteriomorpha. List two characteristics that make them rather interesting.

Click the BACK button to get back to the cladogram. Click: Monoplacophora

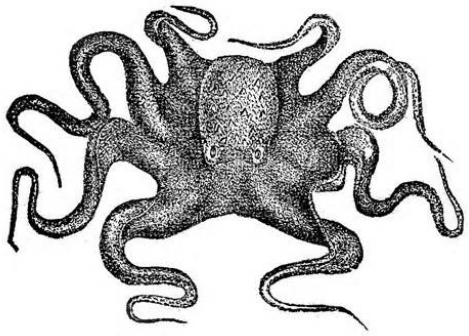
7. Living monoplacophorans were first found in 1952. Why were monoplacophorans not found for so long?

Click the BACK button to get back to the cladogram. Click: Gastropoda

8. List four examples of gastropods.

9. Where do gastropods live?

10. What is this a picture of?



Click the BACK button to get back to the cladogram.
Click: Cephalopoda

11. List four examples of cephalopods.

12. Are cephalopods intelligent?

13. Indicate the shape of the pupil of the eye of the following animals:
    a. Octopus -
    b. Cuttlefish -
    c. Squid -

14. Which two cephalopods have tentacles?

Click the BACK button to get back to the cladogram. Click: Scaphopoda

15. What does the name Scaphopoda mean?

16. What is the most distinctive feature of scaphopods?

Click the BACK button to get back to the cladogram. Click: Aplacophora

17. Aplacophorans lack a shell. What do they have instead of a shell?

18. What is their feeding type?

Click the BACK button to get back to the cladogram. Click: Polyplacophora

19. The name Polyplacophora means “many plates”. How many shells (or plates) do these animals typically have?

20. What are their feeding types?