

Name \_\_\_\_\_

# Pre-Fieldwork Cladogram Worksheet

My Animal: \_\_\_\_\_

Use the cladogram webpage at [grymonpre.com](http://grymonpre.com) to help answer the following questions.

1. What kind of animal is it? Give a brief description so that people who haven't heard of your animal would understand.

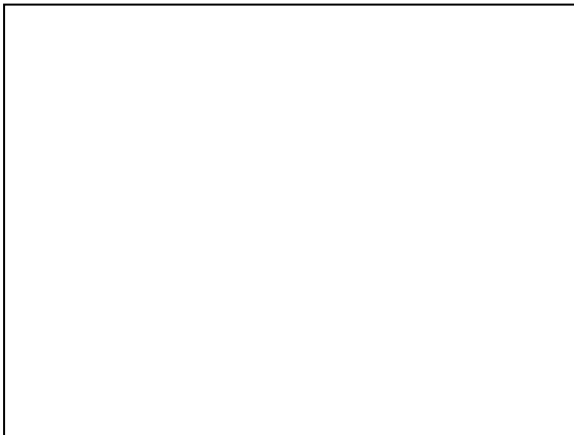
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2. How big is your animal? Be specific. \_\_\_\_\_

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3. What does your animal look like? Make three small sketches below, from different perspectives (from different viewpoints). You will use these sketches when we start making our stencils.



4. Give two interesting facts about your animal:

a. \_\_\_\_\_

\_\_\_\_\_

b. \_\_\_\_\_

\_\_\_\_\_

*Use the attached cladogram to help answer the rest of the questions.*

5. What animal on our cladogram is your animal most closely related to?

\_\_\_\_\_

6. What is the biggest difference between your animal and the animal you named in question 5? \_\_\_\_\_

7. How did you use the cladogram to answer question 5? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

8. What is the most advanced trait (look at the notable nodes) that your animal has evolved? You may have to look at my cladogram webpage to figure out what trait each node represents.

\_\_\_\_\_

9. How did you use the cladogram to answer question 8? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

10. The fossil exhibit at the museum will be divided into four halls:

a. **Hall of Early Vertebrates:** *Includes all animals on our cladogram except dinosaurs and synapsids.*

b. **Hall of Ornithischian Dinosaurs**

c. **Hall of Saurischian Dinosaurs**

d. **Halls of Early and Advanced Mammals:** *Includes all synapsids.*

In which of these four halls will you find your animal?

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