9. Give a brief description of the evolutionary changes that occurred in *Crustaceus*. Refer back to the labeled diagram of *Crustaceus* above to review the terms used to describe the various body parts of the organism.

10. During which period did the fossils start to differentiate into two branches?

11. In what period does the common ancestor of the *Crustaceus* species of the Montanian period appear?

12. No examples of *Crustaceus* survive today. Determine when the genus became extinct. Support your answer.

13. Did the set of fossils show gradualism or punctuated equilibrium? Explain.

14. Sketch an example of an evolutionary tree that shows punctuated equilibrium.

15. Research the evolution of the genus *Equus*, to which modern horses belong. Draw an evolutionary tree to describe your findings, or write a few short paragraphs to describe the changes to this genus over time.