SECTION 29.4  **Formation of Our Solar System, continued**

In your textbook, read about comets. Use the words below to label the diagram:

- coma
- nucleus
- tail

13. __________________

14. __________________

15. __________________

Answer the following questions.

16. What type of orbit does a comet have? Describe a typical comet's perihelion and aphelion.

17. What happens when a comet comes within 3 AU of the Sun?

18. What is a periodic comet? Give an example.

19. What is a meteor shower?