## **WordWise**

*Use the clues to help you identify the vocabulary terms from Chapter 18. Then,* put the numbered letters in the right order to spell out the answer to the riddle.

Clues

**Vocabulary Terms** 

Most inclusive taxonomic category

Group of similar families

Group of closely related classes

Type of classification based on evolutionary

history

Group of closely related orders

Group of closely related species

Branching diagram showing evolutionary change  $\frac{1}{7}$   $\frac{1}{8}$   $\frac{1}{9}$   $\frac{1}{9}$   $\frac{1}{9}$   $\frac{1}{9}$ 

One of two domains of unicellular prokaryotes

Group of genera that share many characteristics \_\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

Group into which organisms are classified

The other domain of unicellular prokaryotes

- -  $\frac{}{13}$  - - - -

Domain of all organisms whose cells have nuclei

**Riddle:** What kind of clock does a paleontologist use?

Answer: \_\_ 1 \_ 2 \_ 3 \_ 4 \_ 5 \_ 6 \_ 7 \_ 8 \_ 9 \_ \_ 10 \_ 11 \_ 12 \_ 13 \_ 14