

Name \_\_\_\_\_

Date \_\_\_\_\_

## Circle of Life

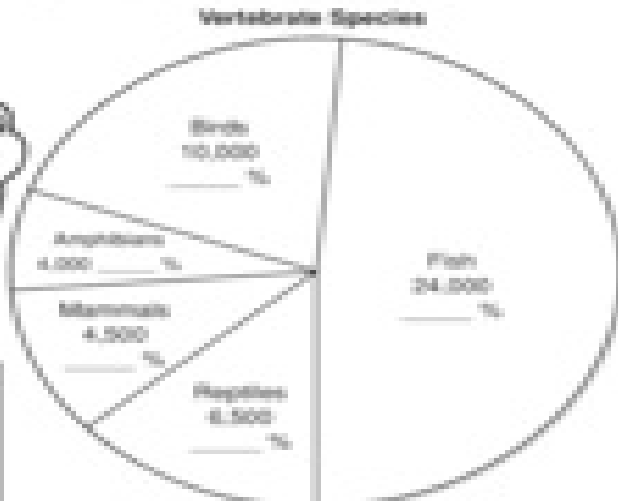
Wes T. Stone has designed a display that shows the numbers of species for each group of vertebrates. There are about 49,000 vertebrate species in all. Use the information below, a calculator, and your knowledge of decimals and percents to complete the circle graph. Then answer the questions that follow.



To change each number to a percent:

- Divide each number by the total number of vertebrate species.
- Multiply the quotient by 100.
- Round to the nearest whole percent.

Example:  $24,000 \div 49,000 = n$   
 $n \times 100 = p\%$



1. Which vertebrate group has the most species? \_\_\_\_\_ What percent of the total does this group represent? \_\_\_\_\_
2. Which vertebrate group has the least species? \_\_\_\_\_ What percent of the total does this group represent? \_\_\_\_\_
3. What percent of the total does the reptile group represent? \_\_\_\_\_ Write number sentences to support your answer. \_\_\_\_\_
4. What percent of the total does the mammal group represent? \_\_\_\_\_ Write number sentences to support your answer. \_\_\_\_\_
5. What percent of the animals are either amphibians or reptiles? \_\_\_\_\_ Is this more or less than birds? \_\_\_\_\_
6. What is the percent that tells how many more species of fish than birds there are? \_\_\_\_\_

