

# Lesson 5 Problem-Solving Practice

## Appropriate Measures

**ANIMALS** For Exercises 1–4, use the information in the table below that shows the lifespan of selected mammals. Round to the nearest tenth if necessary.

Average Lifespan for Mammals	
Mammal	Average Lifespan
Baboon	20 yr
Camel	12 yr
Chimpanzee	20 yr
Cow	15 yr
Goat	8 yr
Gorilla	20 yr
Moose	12 yr
Pig	10 yr

**FOOTBALL** For Exercises 5 and 6, use the information in the table below. Round to the nearest tenth if necessary.

2007 NFL Season, Games Won	
Team	Games Won
Atlanta	4
Carolina	7
Denver	7
Kansas City	4
New Orleans	7
Pittsburgh	10
St. Louis	3
San Diego	11
San Francisco	5
Seattle	10

1. Explain how to find the mean of the lifespans listed in the table. Then find the mean.	2. Explain how to find the median of the set of data. Then find the median.
3. Explain how to find the mode of the set of data. Then find the mode.	4. Which measure of center is most representative of the data? Explain.
5. What are the mean, median, and mode of the number of games won by the teams in the table?	6. Which measure of center is most representative of the data? Explain.

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