Lesson 6 Problem-Solving Practice

Estimate with Percents

1. **SCHOOL** The table shows how the 215 sixth-grade students at Westside School get to school. About how many of the sixth-grade students walk to school?

Way to School	Percent of Students
Bus	56%
Car	20%
Walk	24%

2. **BASKETBALL** In a recent regular season, the WNBA Houston Comets won 54.76% of their games. They had 42 games in their regular season. About how many games did they win?

3. **SALES TAX** The sales tax rate in Lacon is 9%. About how much tax would you pay on an item that costs $61?

4. **SPORTS** The concession stand at a football game served 178 customers. Of those, about 52% bought a hot dog. About how many customers bought a hot dog?

5. **SLEEP** A recent study shows that people spend about 31% of their time asleep. About how much time will a person spend asleep during an average 78-year lifetime?

6. **BIOLOGY** The human body is 72% water, on average. About how much water will be in a person that weighs 138 pounds?

7. **MONEY** A video game that originally costs $25.99 is on sale for 50% off. If you have $14, would you have enough money to buy the video game? Explain.

8. **SHOPPING** A store is having a 20% sale. That means the customer pays 80% of the regular price. If you have $33, will you have enough money to buy an item that regularly sells for $44.99? Explain.

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