Pre-Algebra
Percent Word Problems

1) Rozlyn got a score of 80% on her last French test. She got 40 items correct. How many items were on the test?

2) There are 4230 season ticket holders for the Cougars football games. This represents $56\frac{2}{3}$% of the seating capacity at the stadium. What is the seating capacity at the stadium?

3) Kent earns 8% commission on all furniture sales. How much must he sell to earn a commission of $336?

4) In last year's freshman class election, one candidate received 36 votes. This result represents 45% of the total class vote. How many students voted in the freshman class election last year?

5) A salesperson at a clothing store marks an item priced at $32.50 for a 40% discount. What is the final price of the item?

6) A supermarket cashier charges a 5% sales tax on taxable items. A customer buys $14.69 worth of nontaxable items and $8.40 worth of taxable items. What was the total cost of the purchases?

7) A salesperson at Central Motors earned a $765 commission on the sale of a $9000 car. What is the percent of commission?

8) A real estate agent determined that the value of a house had increased by 25%. The owners sold the house for $22,000 more than the price they had originally paid. What did the owners pay for the house originally?