commission: _____

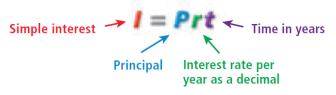
- total pay = **base salary** + **commission**
 - = base salary + % of total sales

Example 1: Business Application (round to the nearest hundredth)

- A. A telemarketer earns \$425 per week, plus a 10% commission on sales. Find her total pay for a week in which her sales are \$880.
- B. A salesman has a sales total of \$2000 for the week. If his base salary is \$320 per week and he gets a 16% commission, find his total pay.
- C. A ticket vendor earns \$200 per week, and this week had \$790 of total sales. If her commission is 15%, find her total pay.

interest:	 	
principal:		
simple interest:		
1		

Simple Interest Paid Annually



Example 2: Finance Application

A. Find the simple interest paid annually for 3 years on a \$1500 loan at 20% a year.

B. After 6 months, the annual simple interest on an investment of \$3000 was \$80. Find the interest rate.

C. Find the simple interest paid annually for 3 months on an investment of \$2600 at 5.9% interest annually.

D. After 7 years, the annual simple interest on an investment of \$495 was \$82. Find the interest rate.

tip:		
sales t	ax:	
<u>Hint:</u>	Find 1% of a number by moving the decimal	_ places to the
	Find 10% of a number by moving the decimal	_ places to the
Б		

Example 3: Estimating with Percents

- A. The dinner check for Molly's family is \$40.30. Estimate a 16% tip.
- B. The sales tax rate is 7.30%. Estimate the sales tax on pants that cost \$29.76.
- C. The lunch check for Ginger's family is \$68.50. Estimate a 20% tip.