Name_____   Date _____

Mr. Tallman

Do Now

1) A shoe store buys a pair of boots from a supplier for $75. What is the amount of markup?

2) A store pays $70 for a bicycle. The cost to the customer is $84. What is the percent of the markup?

Lesson #41 – Commission

A **commission** is a percentage of sales that are paid to a salesperson as an additional amount to their salary.

Some jobs that pay commission include:

To find the amount of commission:

Commission Equation	**Commission Proportion**
Commission = sales(%) **PERCENTS MUST BE TURNED INTO DECIMALS**	$\dfrac{commission}{sales} = \dfrac{\%}{100}$

Example 1) Brody sells cars for a popular car dealership. He sold a car for $38,500. He earns a 3% commission on each car he sells. How much commission did he earn on the car he sold?

Example 2) Richard is paid 8% commission on his carpet sales. How much commission will he earn if he sells $1650 worth of carpets?

Example 3) Maria receives an annual salary of $25,000 plus 20% commission on her total sales. Last year, Maria made $80,000 in sales. How much money did Maria make in total last year?

Example 4) Shawna sells real estate and receives 3% commission on property she sells. Shawna also makes a flat rate of $500 per month. This month, she sold a home worth $118,000. How much money did Shawna make in total this month?

Now, You Try

5) Jason is a real estate agent. He earns a 4% commission on each house he sells. How much commission will he earn if he sells a house for $270,000?

6) Cristina's monthly salary is $3,250 plus she earns a 1.4% commission on her sales for the month. Cristina's sales for the month of July were $51,000. What was her total earnings for July?

Challenge Problems

7) The sports booster club sold candles as a fundraiser to support the new team. The club earns commission on each candle they sell. If the club earns a 30% commission on candle sales, what would the club's total candle sales be if they earned $500 in commission?

8) Robert's company pays him a $12\frac{1}{2}$% commission on all of his sales over $600. One week, Robert sold $1,400 worth of merchandise. He also earns $10 per hour. If Robert worked 40 hours for the week and sold $1,400 worth of merchandise, how much does Robert make for the week?