

Name \_\_\_\_\_

Date \_\_\_\_\_

Mr. Tallman

### Homework 41 - Commission

#### SHOW ALL WORK FOR EACH PROBLEM.

1) Sam receives a 9% commission on appliances he sells. Last month, he sold \$18,500 worth of appliances. How much did he earn last month?

Orig: 18500      Com = orig(.09)  
Com: X           $X = 18500(.09)$   
%: 9%           $X = \$1665$

2) Bella earns a 15% commission on the furniture she sells. How much commission would she earn if she sells a dining room set for \$850?

Orig: 850          Com = orig(.15)  
Com: X           $X = 850(.15)$   
%: 15%           $X = \$127.50$

3) Emily earns \$75 per day plus a commission. Her commission is 15%. She sells \$600 worth of furniture on Tuesday. How much did Emily earn in total on Tuesday?

Orig: 600          Com = orig(.15)  
Com: X           $X = 600(.15)$   
%: 15%           $X = \$90$

75 + 90  
 $\$165$  on Tuesday

4) Peter is a real estate agent. He earns a 6% commission on each house he sells plus \$500 per week. If Peter sold a house last week for \$325,000, how much money did Peter earn last week in total?

Orig: 325,000      Com = orig(.06)  
Com: X           $X = 325000(.06)$   
%: 6%           $X = \$19,500$

$\$19,500 + 500$   
 $\$20,000$  last week