Principles of Algebra   Name/Date_____

WS 5C.1 – Applications of Percentages

1. Josh earns a weekly salary of $300 plus 6% commission on all sales. Last week, his sales totaled $3500. What was his total pay?

2. In a state with a sales tax rate of 7%. Francisco buys a pair of jeans for $59.99 and a graphic tee for $13.99. How much is the sales tax?

3. Last year, Emily earned $33,095. From this amount, $7466.38 was withheld for taxes. To the nearest tenth of a percent, what percentage of her income was withheld?

4. Liam works as a salesperson at an electronics store. If he earns $116.82 from a 9% commission on the sale of an LCD TV, what is the price of the TV?

5. Luisa earns a weekly salary of $450 plus a 7.5% commission on sales at a hobby store. How much would she make in a week if she sold $4300 worth of merchandise?

6. The sales tax rate in Albin's state is 5.75%. If he purchases 4 chairs for $124.99 each and an area rug for $659.99, how much sales tax does he owe?

7. Jomby typically earns $570 each week, of which $111.15 is withheld for taxes. What percentage of Jomby's earnings are withheld each week?

8. Lila works in a clothes shop where she earns a weekly commission of 5% and no weekly salary. What will Lila's sales have to be in order for her to earn $375 in a given week?