

**Prealgebra**  
**HW: Percentages**

Name: \_\_\_\_\_

Key for working with percentages:

- 1.) Convert the % to a DECIMAL
- 2.) percent "of" .... "of" means MULTIPLY
- 3.) Answer the question!

- 1.) Mandy makes tips working as a waitress. A family buys a dinner that costs \$55.00, and they tip Mandy 15% of that price. How much of a tip does Mandy make?
  
- 2.) John sees a DVD player on sale at Best Buy for 12% off of the retail price of \$899. How much money would John save buying the DVD player on sale?

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Felix buys a new Xbox 360 for \$399. He pays a 6% sales tax. How much tax does Felix pay?

- 4.) Oscar sees a new trash can for \$25.99. He has a discount coupon for 35% off. How much would Oscar save if he uses his coupon?
  
- 5.) Jessica buys a new iPod for \$199 on apple.com. She has to pay a 5% shipping fee. How much is the shipping fee?
  
- 6.) Tony sees a computer for \$1499, but he sees it is on sale for 22% off. How much would Tony save if he buys the computer on sale?

- 7.) Mr. Hamilton buys a new calculator for \$250. He must also pay a 7% sales tax.
- (A) How much tax must Mr. Hamilton pay?
- (B) What is the total amount of money Mr. Hamilton needs to buy the calculator?
- 8.) Sally buys a new car for \$22,000. She pays a 7% state tax too.
- (A) How much tax must Sally pay?
- (B) What is the total amount of money Sally needs to buy the car?
- 9.) Tom sees a new watch he likes for \$540. He has a members discount card that saves him 18%.
- (A) How much money would Tom save using his members discount card?
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- (B) What is the total amount of money Tom needs to buy the watch?
- 10.) Wendy wants to buy a new house for \$89,000. She gets a 9% discount from a friend.
- (A) How much money would Wendy save with the discount?
- (B) What is the total amount of money Wendy needs to buy the house?
- 11.) Amy buys a new DVD player at Circuit City for \$220. She gets a 4% discount. After the discount, she has to pay a sales tax of 7%.
- (A) How much money would the DVD player cost after the discount?
- (B) What is the total amount of money the DVD player costs with tax?