7th Grade Review Sheet: Tip, Tax, Commission, Markup, Discount, & Simple Interest

Name: _______________    Class: _________    Date: __________

**Tip:**

1) Your bill at a restaurant comes to $24.50. You decide to tip 16%. What is the final bill?

2) Your final bill is $51.28. This includes a 12% tip. What was the bill without tax?

3) You take a cab to Madison Square Garden. The final bill of $61.72 included an 18% tip for the driver. What was the original bill?

4) You get a haircut that cost $23. If you tip the barber 10%, what is the final bill?

**Tax:**

5) You buy a watch that costs $45.50. The tax on the watch is 7.5%. What is the final cost?

6) You buy a backpack for $34.82. The tax is 9.25%. What is the final cost?

7) The final cost, including tax, of buying a pair of jeans is $37.82. If the tax was 6.5%, what was the pre-tax cost of the jeans?

8) You buy a flight to California for $305.72. The tax is 7.65%. What is the final cost of the ticket?

**Commission:**

9) For every car you sell, you get a 6% commission. If your total sales for the month are $125,650. What is your commission?

10) You get a $400 base salary for your job selling toasters. You also get a 2% commission on all your sales. If your take home pay for the month is $756. What is your total sales?

11) You receive an 11% commission on all the sales you make. If your commission for the month is $512.50, what was your total sales?

12) You get a 3% commission on all sales. This month, you made a sale of $45,050 and a sale of $6,785.25. What is your commission for the month?

**Simple Interest:**

13) You deposit $572.34 in an account that pays 4.5% interest. How much interest do you earn after 6 years?

14) You borrow $450 to pay for a laptop. The interest rate is 2.8%. After 18 months, how much interest do you owe?
15) \( P = 45,000 \), \( R = 6.5\% \), \( I : 10,500 \). Find \( T \)

16) \( I = 452 \), \( R = 3.1\% \), \( T = 2 \) years. Find \( P \)

17) \( I = 1,500 \), \( P = 45,000 \), \( T = 3.5 \) years. Find \( R \)

**Markup:**

18) If the wholesale price of an item is $250 and the markup is 20\%, find the retail price of the item.

19) If the wholesale price of a pair of shoes is $32.25, and the markup is 105\%, find the retail price of the item.

20) If the retail price of an item is $65, and the markup is 50\%, find the wholesale price.

**Discount:**

21) A laptop costs $899. How much will it cost if the store is offering a sale of 24\% off?

22) A bike is being sold for 78\% of its original price of $85.50. What is the discounted price?

23) After a discount of 35\%, you pay $35.71 for a video game. What was the original price of the game?

**Mix:**

24) You want to buy Mets tickets that cost $357.25. Because the Mets stink, they offer two discounts. The first is for 25\% off. The second is a discount of 14\% off the discounted price. What is the final cost?

25) You buy a gallon of milk that costs $3.50. The milk is discounted for 10\% off. You also have to pay tax of 6.25\% on the discounted price. What is the final cost?

26) You go to a restaurant and order $137.61 worth of food. You decide to tip the waiter 18\%. You also have to pay a tax of 6.5\% on the original bill. What is the final cost of the meal?