**LESSON 15—NOTES**

**TAX AND TIP**

**USE THE PERCENT PROPORTION!!**

$\frac{IS}{OF}$ **=** $\frac{\%}{100}$

**TAX—**AMOUNT OF EXTRA MONEY THAT IS PAID ON A PURCHASE.

**TIP—**AMOUNT OF EXTRA MONEY THAT YOU CAN GIVE TO SOMEONE FOR

 SERVICES RENDERED.

EX: JENNY PURCHASED THE LUNCH SPECIAL AT A LOCAL RESTAURANT FOR

 LUNCH. HER TOTAL WAS $5.50 FOR HER MEAL, INCLUDING DRINK. IF

 THE TAX IS 8%, **WHAT IS THE COST OF HER MEAL?**

 1. FIND THE AMOUNT OF TAX!

2. ADD THE TAX TO THE BILL TO

 GET THE TOTAL COST!

IF JENNY DECIDES TO LEAVE A 15% TIP, WHAT WOULD BE THE AMOUNT OF

 TIP THAT SHE WOULD LEAVE?

 1. TO FIND THE TIP, **DO NOT** USE THE TOTAL COST.

 USE THE ORIGINAL AMOUNT.

 2. FIND THE TIP WITH THE COST OF THE MEAL.

**LESSON 15—NOTES—STUDENT COPY**

**TAX AND TIP**

**USE THE PERCENT PROPORTION!!**

**TAX—**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**TIP—**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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EX: JENNY PURCHASED THE LUNCH SPECIAL AT A LOCAL RESTAURANT FOR

 LUNCH. HER TOTAL WAS $5.50 FOR HER MEAL, INCLUDING DRINK. IF

 THE TAX IS 8%, **WHAT IS THE COST OF HER MEAL?**

 1.

2.

IF JENNY DECIDES TO LEAVE A 15% TIP, WHAT WOULD BE THE AMOUNT OF

 TIP THAT SHE WOULD LEAVE?

 1.

 2.

**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Class\_\_\_\_\_\_\_**

**LESSON 15: TAX AND TIP**

**NWNC!!**

1. At Snack Mart, Courtney bought a soda for $1.25, \_\_\_\_\_\_\_\_\_\_\_\_

chips for $1.00, and a pack of gum for $0.75. The

 tax for her purchases was 6%. What was the amount

 of tax that Courtney paid?

2. At the Cabbage Garden Restaurant, 5 people order \_\_\_\_\_\_\_\_\_\_\_\_

 different meals that each cost $8.36. The group of

 friends left a 20% tip for the waiter. How much

 money was left for the waiter?

3. If 12 crayons cost $2.00, then how much would \_\_\_\_\_\_\_\_\_\_\_\_

 30 crayons cost? (proportion problem)

4. Barry and Larry both started at the same point on \_\_\_\_\_\_\_\_\_\_\_\_

 an isolated road. Barry drove forward 4 miles.

 Larry drove in reverse for 2 miles. How far apart

 are Barry and Larry when they stop?

5. At the end of an all day shopping spree at the mall, \_\_\_\_\_\_\_\_\_\_\_\_

 Sherry had $42 left in her pocket. She spent $15 on

 a belt, $22.99 on a shirt, and bought jeans for $36.78.

 How much money did Sherry have before she went

 to the mall?

6. The ratio of gray shirts to yellow shirts is 4 to 3. \_\_\_\_\_\_\_\_\_\_\_\_

 If 12 students were wearing a yellow shirt, how

 many students were wearing a gray shirt?

**Fill in the following table:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Problem #** | **Decimal** | **Fraction** | **Percent** |
| **7.** | **0.06** |  |  |
| **8.** |  | **8/25** |  |
| **9.** |  |  | **110%** |

**Solve: NWNC**

10. -9 • -11 = \_\_\_\_\_\_\_\_\_ 11. -15 ÷ 3 = \_\_\_\_\_\_\_\_ 12. $\frac{25}{5}$ = \_\_\_\_\_\_\_

13. -32 + (-6) = \_\_\_\_\_\_\_\_\_ 14. 18 - 36 = \_\_\_\_\_\_\_\_ 15. -19 + 14 = \_\_\_\_

**Compare the following using <, >, or =.**

16. -19 \_\_\_\_\_\_ -20 17. 0.223 \_\_\_\_\_\_ 0.06 18.  \_\_\_\_\_ 

**Order the following in order from Order the following in order from**

**LEAST TO GREATEST: GREATEST TO LEAST:**

19. 25 , -3 , -25 , 12 , 0 20. 0.555 , 0.6 , 0.78 , 2

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_