**LESSON 16—NOTES**

**DISCOUNT**

**USE THE PERCENT PROPORTION!!**

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

**DISCOUNT**—THE AMOUNT OF MONEY THAT IS SUBTRACTEDED FROM A

 PURCHASE.

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

 LUNCH. HER TOTAL WAS $8.00 FOR HER MEA, INCLUDING DRINK. SHE

 HAD A COUPON THAT WAS FOR 15% OFF. **WHAT WAS HER TOTAL COST,**

 **NO INCLUDING TAX?**

1. FIND THE AMOUNT OF THE DISCOUNT.

 2. SUBTRACT THE DISCOUNT FROM THE

COST OF THE MEAL TO GET THE TOTAL COST.

**LESSON 16—NOTES—STUDENT COPY**

**DISCOUNT**

**USE THE PERCENT PROPORTION!!**

**DISCOUNT**—\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

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

 LUNCH. HER TOTAL WAS $8.00 FOR HER MEA, INCLUDING DRINK. SHE

 HAD A COUPON THAT WAS FOR 15% OFF. **WHAT WAS HER TOTAL COST,**

 **NO INCLUDING TAX?**

1.

 2.

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

**LESSON 16: DISCOUNT**

**NWNC!!**

1. The Giorgiano family went shopping. They found \_\_\_\_\_\_\_\_\_\_\_\_

 a great sale at Sweats in Style. They bought jogging,

 shoes for $79.95, a warm-up suit for $126.00,

 sweatbands for $10.00, and a stop watch for $17.99.

 How much was the discount if they received a 30%

 off the total price?

2. Max was at a local supercenter and found a radio \_\_\_\_\_\_\_\_\_\_\_\_

 for $60. It was on sale for 40% off. What was the

 final price after the discount?

3. If Emily left a $1.80 tip for her $12.00 bill at Fat \_\_\_\_\_\_\_\_\_\_\_\_

 Belly Restaurant. What percent of the total was

 the tip?

4. Jamison paid 9% in tax for new speakers. The tax \_\_\_\_\_\_\_\_\_\_\_\_

 was $15.75. How much were the speakers before

 tax?

5. Six cans of Power Juice cost $4.50. If Kelly buys \_\_\_\_\_\_\_\_\_\_\_\_

 ten cans of Power Juice, how much would it cost?

6. Carrie has 6 hours to complete her math project. \_\_\_\_\_\_\_\_\_\_\_\_

 She has completed ¾ of the project. How much

 more time does she still need to work on the

 project? (answer in minutes/hours)

**Multiplication Models:**

7. Draw 4/5 x 1/3 into the model. 8. What 2 fractions are modeled?

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

**Solve the following NWNC!! show steps!!**

9. 28 – 42 + 4(12 • 22 ) 10. (23 + 32 + 1) ÷ 2 • 10

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

**Fill in the following table:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Problem** | **Decimal** | **Fraction** | **Percent** |
| 11. | 0.9 |  |  |
| 12. |  | 7/10 |  |
| 13. |  |  | 32% |

Solve:

14.  15. 7.8 • 0.005 16. $\frac{3}{5}$ • $\frac{11}{20}$

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

Compare the following using <, >, =.

17. $\frac{1}{2}$ \_\_\_\_\_ $\frac{2}{3}$ 18. $\frac{9}{10}$ \_\_\_\_\_\_\_ 0.09

19. $\frac{1}{3}$ \_\_\_\_\_\_\_ 0.333… 20. 58 \_\_\_\_\_\_\_\_ -65