3-7-17

Aim: SWBAT review.

Do Now:

HW: Study for tomorrow's test

| Insert the words f | rom the box into the | Review e correct place in each | Date Period 1 formula. |
|---|----------------------|-----------------------------------|------------------------------|
| Price Total Price Tax | Price | <u>+ Tox</u> | = Total Price |
| Sale Price Discount Original Price | Odgiral Price | - Discount | = Sole Price |
| Markup Retail Price Wholesale Price | white ship for | e + Markup | = Report Porce |

Complete the following chart.

| | FRACTION | PERCENT | DECIMAL |
|----|---|---------|-----------|
| | 23 10 | 730% | 2. 2.3 |
| 3. | The second | 4. 104% | 1.04 |
| 5. | enador Rep | 56.25% | 6. 0.5625 |
| 7. | E of the second | 8 2/3 % | 8. |

11. Write 2.735 as a percent? 273.5%

13. If the sales tax is $5\frac{1}{2}\%$, what is the sales tax on a jacket priced at \$45.89? $\frac{7}{45.89} = \frac{55}{100} = \frac{1000 \times 1000}{100} = \frac{2.57.395}{100} = \frac{12.52}{100} = \frac{12.52}{100}$

14. If George earns 13.5% commission on his sales, how much does he earn if he sells \$2042.98 worth of merchandise?

| Name | Date | | | |
|--|--|--|--|--|
| Review | Period | | | |
| 15. The regular price of a microwave is \$289.59. If it is discounted 20%, what is the sale | | | | |
| price? 7 20 190 150 150 150 150 7 = 57.918 | *289.59 - *57.918 = \$231.672 | | | |
| X = 57.918 | 4 [\$231.67] | | | |
| 16. Which of the following is the amount of interes | t earned when \$2275 is invested at 18% | | | |
| for $3\frac{1}{2}$ years? $\square = PRT$ | | | | |
| I=(2275)(0.18)(3.5) | | | | |
| for $3\frac{1}{2}$ years? $I = PRT$ $I = (2275)(0.18)(3.5)$ $I = 1433.25 | | | | |
| 17. If a house valued at \$65,000 increases in value | by 9%, what is the new value of the house? | | | |
| $\frac{x}{6900} = \frac{9}{100} = \frac{90x}{100} = \frac{585000}{100}$ | 4 P2000 + \$2820 | | | |
| X = 5850 | 1\$70.850 / | | | |
| Grant, G | The state of the s | | | |
| 17. If a house valued at \$65,000 increases in value by 9%, what is the new value of the house? \[\frac{3}{2} = \frac{3}{100} = \frac{58500}{100} = \frac{58500}{100} = \frac{58500}{100} = \frac{5000}{100} + \frac{15850}{100} = \frac{58500}{100} = \frac{58500}{100} = \frac{58500}{100} = \frac{58500}{100} = \frac{58500}{100} = \frac{5000}{100} + \frac{5850}{100} = \frac{5000}{100} + \frac{58500}{100} = \frac{5000}{100} = \frac{58500}{100} = \frac{5000}{100} = | | | | |
| increase in taxes? \$932.13-\$897.89 | = \$84,29 84.29 = X | | | |
| increase in taxes? \$932.13-\$897.89 | 377.89 | | | |
| | 841 84x - 845A -X = 665 | | | |
| | owing week, there was a 20% discount on the | | | |
| jeans. How much would Joann have saved if she had | | | | |
| Mark The Control of t | , , | | | |
| 7 = 100 (N = 5,40) | | | | |
| 22. The regular price of a shirt is \$45.95. If ther | e is a 30% discount and a 6% sales tax, what | | | |
| | | | | |
| 7 30 100x = 1378.5 345.43 | 7 = 100 + 10 | | | |
| 45.95 100 0x = 18.785 | 1982 = 192.89 | | | |
| in the term of appears | 7 = 1.9799 1 \$34.09 | | | |
| 23. At a restaurant, the food bill comes to \$27.63. The sales tax is 6% and you are leaving an | | | | |
| 18% tip. What is the total cost of the meal? | NOW = 497 241 | | | |
| ox 6 100x = 165.78 4 | 160 160 160 | | | |
| 27,63 100 3 = 100 | x = 4.9734 | | | |
| 1 4 60 th 8 10 m mm | tie - | | | |
| \$ 27.63 + 31.6578 + \$4.9734 = \$ 34.2612 × \$ 34.26 | | | | |
| 24. The wholesale price of a couch is \$235. A store marks up the price by 169%. When the | | | | |
| couch does not sell, the store offers a 20% discount. What is sale price of the couch? | | | | |
| $\frac{7}{235} = \frac{169}{100} = \frac{10000 - 39715}{100} = 42.35$ | 5+889.715=\$632.15 (0.70)(632.13) retalprice (26.43 day | | | |
| | | | | |
| nokeeg | \$ 635 T2 - \$126 43 | | | |

25) Original Price: \$75

Discount: 18%

Sales Tax: $\frac{?}{}$ Final Price: \$63.96 $(0.82)(^{4}75) = $61.50 + 501e$ Price

\$63.96 - \$61.50 = \$2.46 $\frac{$61.50}{$61.50} = \frac{$2.46}{$61.50}$

Do Now: Food Bill: \$37.50

Tax: 8%

Tip: 18% after tox

C= 4

R = 4%

2. You earn 10% commission on your sales. This week you earned \$50 in commission. What were your total sales?

$$\frac{50}{x} = \frac{10}{100}$$

$$\frac{100}{10} = \frac{5000}{10}$$

$$x = \frac{10}{500}$$

- Original Price + Tax = Total Price
- Original Price Discount = Sale Price
 (Savings)
- Wholesale Price + Markup = Retail Price
- Food Price + Tax + Tip = Total

If there is a discount and tax,

- 1. Find the amount of discount (savings).
- 2. Subtract the discount from the original price to find the sale price.
- 3. Find amount of tax on the sale price.
- 4. Add the sale price and tax for the total.

If there is a markup and a tax,

- 1. Find the amount of markup.
- 2. Add the wholesale price and the amount of markup to find the retail price.
- 3. Find the amount of tax on the retail price.
- 4. Add the retail price and the tax for the total.

If there is a markup and a discount,

- 1. Find the amount of markup.
- 2. Add the wholesale price and the amount of markup to find the retail price.
- 2. Find the amount of discount(savings) out of the retail price.
- 3. Subtract the discount from the retail price to find the sale price.