

$$14 + 7 + 3 + 5$$

3. Angela has 19% of her gross pay taken out for Federal taxes, 7% for State taxes, 3% for retirement and 5% for her Annuity. If Angela's gross pay is \$965, how much is her net pay?

$$965 \times .34 = 328.10$$

$$965 - 328.10 = \boxed{\$636.90}$$

FIX!

89 5 days

4. Margaret works ~~8~~ hours Monday through Friday and makes \$11.00 an hour.

- a. How much is Margaret's gross pay?

$$9 \times 5 = \text{~~30 hrs~~ 45 hrs}$$

$$40 \times 11 = 440$$

$$\text{~~30 hrs~~ OTRate: } 11 \times 1.5 = 16.5$$

$$5 \times 16.5 = +82.5$$

$$\boxed{\$522.50}$$

- b. How much is her net pay after 13% in Federal taxes, 8% in State taxes and 4% in

FICA are deducted?

$$13 + 8 + 4 = 25\%$$

$$522.50 \times .25 = 130.63$$

$$522.50 - 130.63 = \boxed{391.87}$$

TOPIC #3: COMMISSION

WORD	DEFINITION
Commission	making a % of what you sell
Quota	The amount you must sell before you make commission / a different commission rate (higher)

1. Ted sold \$43,000 worth of jewelry. He makes 2.5% commission for all sales. How much commission did he make?

$$43,000 \times .025 = \boxed{\$1075}$$

2. Josh sold a house this week for \$450,000. He makes 4% of all his sales and he makes a salary of \$650 per week. How much did Josh make this week?

$$450,000 \times .04 = \$18,000$$

$$+ \quad 650$$

$$\boxed{\$18,650}$$

3. Dan's monthly salary is \$2,000. In addition, he receives 3% commission rate on the first \$10,000 of his sales and 5% commission on all sales over \$10,000. Last month Scott sold \$26,000 worth of products. What was his gross pay?

$$26,000 - 10,000 = 16,000 \times .05 = \$800$$

$$10,000 \times .03 = +\$300$$

\$1100

+ 2000

\$3100

4. If AJ makes 3% commission on the first \$1,000 of his sales and 5% commission on all sales over \$1,000, how much did AJ make in commission if he sold \$5000 worth of product?

$$1000 \times .03 = 30$$

$$5000 - 1000 = 4000 \times .05 = 200$$

\$230

5. Kevin is a car salesman and makes \$21.00 an hour plus 3.5% on all sales over \$30,000. This week Kevin sold 4 cars during his 48 hours working. The first car sold for \$17,980, the second for \$45,054, the third for \$20,546, the fourth car for \$26,985. How much did Kevin make this week?

Total hours worked: 48

Regular hours: 40

Overtime hours: 8

Hourly rate: x 21

x 1.5

Overtime rate: x 31.5

Regular pay: 840

Overtime pay: 252

Straight weekly pay: 1092

Commission Rate: .035

Sales: \$110,565

Sales after quota: \$80,565

Commission: \$2,819.78

$$\begin{array}{r} 110,565 \\ - 30,000 \\ \hline 80,565 \end{array}$$

Total pay: \$3,911.78

Name: Kley
DISCRETE

Date: 5/16
TROICI/GOSSE

FINAL REVIEW #1: EXIT TICKET

1. $4^x = 16,384$

$x = 7$

2. $4^x = 8$

$x = 1.5$

3. $10^x = 1,000,000$

$x = 6$

4. $16^x = 64$

$x = 1.5$

5. $x^9 = 512$

$x = 2$

6. $x^1 = 34$

$x = 34$

7. Mary makes a salary of \$2,500 per month plus 10% commission. If she sells 15,250 worth of merchandise, how much did she make this month?

$$\begin{array}{r} 15,250 \times .10 = 1525 \\ + 2500 \\ \hline \boxed{\$4025} \end{array}$$

8. Stacey makes \$20 an hour and works 46 hours one week. How much does she make this week?

$$\begin{array}{r} 40 \times 20 = 800 \\ 6 \times 30 = 180 \\ \hline \boxed{\$980} \end{array}$$

9. Scott's monthly salary is \$2550. In addition, he receives 5% commission rate on the first \$2,000 of his sales and 6% commission on all sales over \$2,000. Last month Scott sold \$13,000 worth of products. What was his gross pay?

$$\begin{array}{r} 2000 \times .05 = \$100 \\ 13,000 - 2,000 = 11,000 \times .06 = \$660 \\ \hline \$760 + 2550 = \boxed{\$3310} \end{array}$$

10. Jennifer makes \$40 an hour and 2% commission on all sales. If she works 56 hours and sells \$12,000 worth of merchandise, how much will she make?

$$\begin{array}{r} 40 \times 40 = 1600 \\ 16 \times 40 = 640 \\ \hline 2560 \\ + 240 \\ \hline \boxed{\$2800} \end{array} \quad 12,000 \times .02 = \$240$$