

Alternative Ways to Earn Money

1) A sales person earns a 5% commission on his sales. One week he has \$2800 in sales. Determine his gross income. *YOU EARN THIS.*

$$2800 \times 5\%$$

$$2800 \times \frac{5}{100}$$

$$2800 \times 0.05$$

$$\boxed{\$140}$$

2) A sales person earns a 3.8% commission on her sales. One week she has \$18700 in sales. Determine his gross income.

$$18700 \times 3.8\%$$

$$18700 \times \frac{3.8}{100}$$

$$18700 \times 0.038$$

$$\boxed{\$710.6}$$

3) A sales person earns a 1.2% commission on her sales. One week she has \$95430 in sales. Determine his gross income. *DON'T GET HUNG UP ON DETAILS.*

$$95430 \times 1.2\%$$

$$95430 \times \frac{1.2}{100}$$

$$95430 \times 0.012$$

$$\boxed{\$1145.16}$$

4) A sales person earns a 7.8% commission on his sales. He averages \$21780 in sales per week. Determine his gross annual income.

$$21780 \times 7.8\%$$

$$21780 \times \frac{7.8}{100}$$

$$21780 \times 0.078$$

$$\$1698.84 \times 52 = \boxed{\$88339.68}$$

5) A sales person earns a 0.9% commission on his sales. He averages \$28420 in sales per week. Determine average gross monthly income.

$$28420 \times 0.9\%$$

$$28420 \times \frac{0.9}{100}$$

$$28420 \times 0.009$$

$$255.78$$

$$255.78 \times 52 \text{ (WEEKS)}$$

$$\frac{13300.56}{12 \text{ (MONTHS)}}$$

$$\boxed{\$1108.38}$$

6) A sales person earns a 4.7% commission on his sales, plus a base salary of \$200 per week. One week he has \$23000 in sales. Determine his gross income for the week.

$$23000 \times 4.7\%$$

$$23000 \times \frac{4.7}{100}$$

$$23000 \times 0.047$$

$$\$1081$$

$$+ 200 \text{ (BASE)}$$

$$\boxed{\$1281}$$

7) A sales person earns a 2.04% commission on his sales, plus a base salary of \$8 per hour. One week he has \$32700 in sales and works 26 hours. Determine his gross income for the week.

$$32700 \times 2.04\%$$

$$32700 \times \frac{2.04}{100}$$

$$32700 \times 0.0204$$

$$\$667.08$$

$$\$8 \times 26 =$$

$$\frac{\$208}{}$$

$$ADD \swarrow$$

$$\boxed{\$875.08}$$

8) A sales person earns a 0.47% commission on his sales, plus a base salary of \$11 per hour, plus time and a half for hours over 40 in a week. One week he has \$89436 in sales and works 48 hours. Determine his gross income for the week.

$$89436 \times 0.47\%$$

$$89436 \times \frac{0.47}{100}$$

$$89436 \times 0.0047$$

$$\$420.35$$

$$\$11 \times 40 = 440$$

$$\$11 \times 1.5 \times 8 = 132$$

$$\frac{\$572.00}{}$$

$$+ 420.35$$

$$\boxed{\$992.35}$$

9) A person picks apples. She gets paid \$6.75 per basket. One day she picks 18 baskets. Determine her gross pay for the day.

$$\$6.75 \times 18$$

$$\boxed{\$121.50}$$

10) A person repairs electronic gadgets. He gets \$25 per gadget he fixes, plus \$8.75 per hour. One day he works 7h42min and fixes 9 gadgets. Determine his gross pay for the day.

$$25 \times 9$$

$$8.75 \times 7.7$$

$$67.38$$

$$+ 225.00$$

$$\boxed{\$292.38}$$

42 / 60 = 0.7 hours

11) A contractor accepts a contract to build a deck for \$2500. The materials cost \$1430.

a. How much profit does he make?

$$\frac{2500}{1430} = 1.75 \rightarrow 75\% \quad \frac{2500}{1430} = 1070$$

b. What percent profit does he make?

DUH.

c. He spent 17 hours on the job. Determine his hourly wage.

$$\frac{1070}{17} = \$62.9$$

12) An accountant accepts a contract for \$2000 to do a firm's taxes. She pays her assistant \$28.70 per hour to do all the work. It takes the assistant 16h24min to complete the job.

a. How much profit did the accountant make?

$$28.70 \times 16.4$$

$$470.68 \rightarrow$$

$$\frac{2000}{470.68}$$

24 min to 60 hours
0.4h

b. What percent was the profit?

$$\frac{1529.32}{470.68}$$

$$\frac{\text{Profit}}{\text{Spent}} =$$

$$\frac{1529.32}{470.68}$$

$$3.25 \rightarrow 325\%$$

13) A salesperson earns a 10% commission on her sales. She wants to make \$800 per week. How much will she need to sell?

$$\frac{800}{10\%} = \frac{800}{10/100} = \frac{800}{0.10} = \$8000$$

14) A salesperson earns a 2% commission on her sales. She wants to make \$1200 per week. How much will she need to sell?

$$\frac{1200}{2\%} = \frac{1200}{2/100} = \frac{1200}{0.02} = \$60,000$$

15) A salesperson earns a 1.35% commission on his sales. He wants to make \$80000 per year. How much will she need to sell every month?

$$\frac{\$80000}{1.35\%} = \frac{80000}{1.35/100} = \frac{80000}{0.0135} = 7$$

$$= \frac{5,925,925.93}{12}$$

$$= \$493,827.16$$

16) A salesperson earns a 0.25% commission on his sales. He wants to make \$65000 per year. How much will she need to sell every week?

$$\frac{65000}{0.25\%} = \frac{65000}{25/10000} = \frac{65000}{0.0025} =$$

$$= \frac{\$2600,000}{52}$$

$$= \$50,000$$