

\$ 48 735 = \$256.50 100 per day #4 wB Pg 55 each \$256.50 - \$27.00 how wery year 288 \_ \$697.85 per week Day Chegal \$ 697.85 \$18.61 37.5 time and a falf 10.5 x \$18.20 x 1.5

## Math 9 Section 2.1 – Income Part 2

Homework: Section 2.1 on Pg. 55; #1-4, 6, 9, 13, 14, 17, 18, 19, 22-24

Worksheet (at the back of package); #1-8

Commission: You get paid for how much you sell (per centige) Commission = x Commission rate (

Decimal for formula

Example #1:

Frank earns 8% commission on f furniture sales. If he sells \$3000 of furniture, how much commission does he earn?

Commission = sales x rate 0.08 () 100 @2008.

= \$3000 × 0.08 = \$240 Sometimes, you earn different amounts of commission depending on how much you sell.

## Example #2:

Sally receives commission based on how much wedding cake she sells. She gets 12% commission on all cake sales over \$600. If she sells \$2100 of cake in a certain week:

a) How much commission does she earn?

how Much you

Commission = Sales x rate 
$$= ($2100 - $600) \times 12\%$$
  
=  $($2500 \times 0.12 = $600)$ 

b) Sally is paid \$22 per hour. If she works 35 hours during the same week, what is her gross income for the week?

Piece of Work: You get paid for each thing you make/do Example #1: Swome

Sam works in a Stiffsy clothing factory. He gets \$10 for each T-shirt he sews. He can sew a Tshirt every 20 minutes. a) How much does he make per hour?

$$\frac{60}{20} = 3 \text{ per how} \Rightarrow $0 \times 3 = $30$$

b) Sam gets paid every two weeks. If he works 38 hours per week, how much does he

week \$30 ×38 = \$1140 | 2weeks \$1140 ×2 = \$2280

Example #2: Cynthia works making custom skateboards. She earns 45% of the price for each skateboard made. It takes her 6.5 hours to make a \$575 skateboard.

a) How much does she earn per skateboard? 
$$\$575 \times 0.45 = \$258.75$$

b) How much does she earn per hour?

c) If she works 39 hours every week, what is her gross income for the year?

: \$1552.59 x 52 = \$80,734.68 Now you should be able to complete all the homework on the worksheet

and Section 2.1 on Pg. 55; #1-4, 6, 9, 13, 14, 17, 18, 19, 22-24

Quiz next