2.2 Alternate Ways to Earn Money

Name: _key_

Date: _____

Vocabulary: *Found on p 64.*

Self-employed: _____

_____

Contract: _____

_____

Commission: _____

_____

Piecework: _____

_____

Connect:

Not all working people earn _____Wages_____ or a salary. There are other ways to earn

income, including ___Piecework___ , ___commission___ , salary plus commission,

and contract work.

Examples:

Piecework

1. Greg is a tree planter during the summer and he earns his income through piecework. He is paid $2.50 for each seedling he plants. If he plants 45 seedlings in a day, how much will he earn?

$$\$2.50 \times 45 = \$112.50$$

He will earn $112.50 that day.

Piecework

2. Mary works as a flower arranger. She is paid $143.75 for making 25 identical flower arrangements for a wedding. How much was she paid per arrangement? Find the unit rate

$$\frac{\$}{flowers} = \frac{\$143.75}{25} = \frac{x}{1} \qquad x = \$5.75$$

She is paid $5.75 per arrangement.

Commission

3. Ming work in a store that sells classic Chinese furniture. Ming works on a commission at a rate of 6.5% of his gross sales. If he sold $9865.00 worth of furniture last week, how much commission did he earn?

6.5% of $9865.00

0.065 × 9865.00 = $641.23

His commission was $641.23.

commission

4. Olaf earned $416.03 commission on his sales of $9245. What was his rate of commission?

Need to find what percent $416.03 is of $9245.00
Use proportional reasoning.

$$\frac{\$416.03}{\$9245.00} = 0.045 \rightarrow \begin{array}{c}\text{change}\\\text{decimal}\\\text{to \%}\\\text{by } \times 100\end{array} = 4.5\%$$

His commission was 4.5%.

contract

5. Gurpreet is figuring out what he should charge for repairing the steps on a client's house. The cost of materials will be $785.96, and he will have to hire 2 workers for 8 hours each at a rate of $12.85/h. He wants to hear at least $450.00 for himself. What should he charge the client in the contract?

Calculate all Gurpreet's costs:

material = $785.96

workers = 2 workers × 8 hours × $\frac{\$12.85}{1\,hr}$ = $205.60

Total cost = 785.96
            + 205.60
            $991.56

$991.56 + $450.00 = $1441.56
 cost   Gurpreet's
           income

Gurpreet should charge $1441.56.

Assignment: Worksheet "Practice Your New Skills"