

Apprenticeship and Workplace Math 10

LG 3&4

EARNING AN INCOME



INTRODUCTION:

Do you have a job or planning to get one? Need to calculate how much money you will receive on your pay-check? Check out pages 52-53.



LEARNING GUIDE EXPECTATIONS:

On the completion of this learning guide you will be able to:

- 1) Calculate how much you will earn, given the rate of pay and amount of time worked.
- 2) Learn about a range of payment types that vary from employer to employer and industry to industry.
- 3) Calculate deductions and find net pay.



EVALUATION:

You are ready to progress to the next learning guide when you can demonstrate your understanding of the above expectations. Please refer to your Mathematics 10 (A&W) Marks Record Sheet to determine the assessment.



RESOURCES NEEDED:



Math Works 10 Text

LEARNING ACTIVITIES:



Expectation #1: Calculate how much you will earn, given the rate of pay and amount of time worked.



1. In the Math Works 10 text, read pages 52 – 55 and work through Examples 1, 2, 3 & 4.



2. In your math journal, define the terms *minimum wage*, *gross pay*, *semi-monthly*, and *biweekly*.



3. In the Math Works 10 text, complete questions #1-9, (#10 if you want a challenge) on pages 60-62.



Expectation #2: Learn about a range of payment types that vary from employer to employer and industry to industry.



1. In the Math Works 10 text, read pages 63-66 and work through Examples 1, 2 & 3.



2. In your math journal, define the terms *self-employed*, *piecework*, *commission*, and *contract*.



3. In the Math Works 10 text, complete questions #1-7 (#8 if you want a challenge) on pages 69-71.



4. In the Math Works 10 text, read pages 72-76 and work through Examples 1 and 2.



5. In your math journal, define the terms *bonus* and *shift premium*.



6. In the Math Works 10 text, complete questions #1-7 (#8 if you want a challenge) on pages 76-77.



Expectation #3: Calculate deductions and find net pay.



1. In the Math Works 10 text, read pages 79-80 and work through Examples 1, 2, 3 and 4 on pages 81-85.



2. In your math journal, define the following terms: *net pay*, *benefits* and *taxable income*.



3. In the Math Works 10 text, complete questions #1-7 (#8 if you want a challenge)

REVIEW AND CHALLENGE



1. In the Math Works 10 text, complete Chapter 2 Practice Your New Skills pages 89-91 #1-9.