

Workplace and Apprenticeship Math 10

LG 1&2

UNIT PRICING AND CURRENCY EXCHANGE



INTRODUCTION:

Travelling to another country? Need to convert Canadian dollars to another currency? Check out page 10.



LEARNING GUIDE EXPECTATIONS:

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

- 1) Learn how to determine which purchase is the best buy, considering quality and quantity as well as unit price.
- 2) Investigate sales promotion and compare their effects.
- 3) Convert Canadian dollars into a foreign currency and foreign currencies into Canadian dollars.



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 9 Marks Record Sheet to determine the assessment.



RESOURCES NEEDED:



Math Works 10 Text

LEARNING ACTIVITIES:



Expectation #1: Learn how to determine which purchase is the best buy, considering quality and quantity as well as unit price.



1. In the Math Works 10 text, read pages 12 – 15 and work through Examples 1 & 2.



2. In your math journal, define and give an example of a ratio and a proportion.



3. In the Math Works 10 text, read pages 17-20 and work through Examples 1 & 2.



4. In your math journal, define and give an example of a rate.



5. In the Math Works 10 text, complete questions #1-8, (#9 if you want a challenge) on page 21.



6. In the Math Works 10 text, read pages 23-25 and work through example 1.



7. In your math journal, define and give an example of a unit price.



8. In the Math Works 10 text, complete questions #1-6, (#7 if you want a challenge) on pages 26-27.



Expectation #2: Investigate sales promotion and compare their effects.



1. In the Math Works 10 text, read pages 28-31 and work through Examples 1 and 2.



2. In your math journal, define the term *Markup*.



3. In the Math Works 10 text, complete questions #1-6 (#8 if you want a challenge).



4. In the Math Works 10 text, read pages 34-36 and work through Examples 1 and 2.



5. In the Math Works 10 text, complete questions #1-6 (#7 if you want a challenge).



Expectation #3: Convert Canadian dollars into a foreign currency and foreign currencies into Canadian dollars.



1. In the Math Works 10 text, read pages 41-46 and work through Examples 1 and 2.



2. In your math journal, define the following terms: *buying rate*, *currency*, *exchange rate*, and *selling rate*. Using an example, describe how to convert CDN dollars to a foreign currency and a foreign currency into CDN dollars.



3. In the Math Works 10 text, complete questions #1-6 (#7 if you want a challenge)

REVIEW AND CHALLENGE



1. In the Math Works 10 text, complete Chapter 1 Practice Your New Skills pages 50-51 #1-10.