

# ALBERTA DISTANCE LEARNING CENTRE

## Mathematics 10-3

MAT1793

### Unit A: Money Math

### Chapter 2 Lesson 1

#### Student's Questions and Comments

#### FOR STUDENT USE ONLY

Student Name:

\_\_\_\_\_

#### FOR ADLC USE ONLY

Assigned to

\_\_\_\_\_

Marked by

\_\_\_\_\_

Date received

\_\_\_\_\_

#### Summary

	Marks Earned	Total Possible Marks	Percent
Lesson 1		30	

Teacher's Comments:

\_\_\_\_\_  
Teacher's Signature

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Workbook 2

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## Lesson Assignment

This assignment includes fill in the blank, true and false, matching, multiple choice, and short answer questions. For multiple choice questions, select the best answer. Be sure to show all necessary work for short answer questions. You may ask for clarification from your teacher, but you will not be given the answer.

### Lesson 1

For questions 1 and 2, circle the best answer.

- ① \_\_\_\_\_ 1. The formula to find unit price is
- a. number of items  $\div$  price
  - b. price  $\div$  number of items
  - c. number of items  $\div$  item price
  - d. item price  $\div$  number of items
- ① \_\_\_\_\_ 2. Which of the following has the best unit price?
- a. 3 packages of fruit cups for \$2.69
  - b. 4 chocolate bars for \$2.18
  - c. 6 muffins for \$2.49
  - d. 12 eggs for \$3.49
- ① 3. Oranges sell for \$2.84/kg. The price **per 100 g** is \$ \_\_\_\_\_ .
- ② 4. Express each of the following as a unit rate.
- a. \$27.99 for 5 gallons of paint
- ② b. \$63.05 for 54 L of gasoline

5. Davidson is drywalling his basement. He needs to buy drywall screws for this project. Home Depot™ sells drywall screws in different size packages.

- 100 screws for \$5.99
- 1 000 screws for \$16.40
- 8 000 screws for \$48.20

- ④ a. Using unit pricing, which is the better deal?

- ② b. What are two other factors Davidson should consider before making a purchase?

6. Nadine needs to buy flour for her bakery.

- Safeway™ has 20 kg bags of flour for \$11.88 each
- Sobeys™ advertises two 20 kg bags of flour for \$21.58 in total
- Costco™ sells 40 kg bags of flour for \$20.99

- ① a. What is the **price per one 20 kg bag** of flour at Safeway™?

- ② b. What is the **price per one 20 kg bag** of flour at Sobeys™?

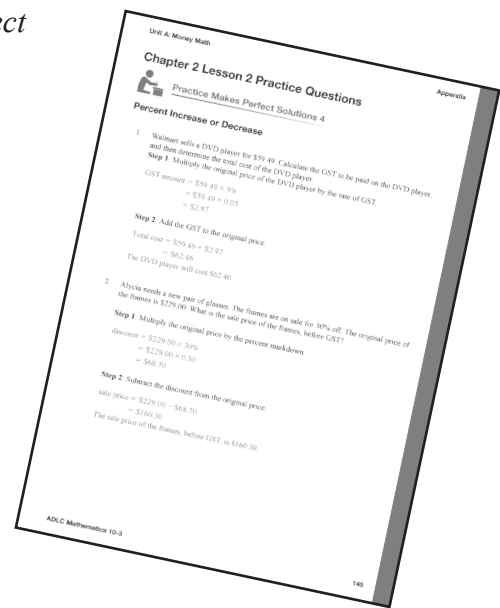
- ② c. What is the **price per 20 kg** of flour at Costco™?

- ① d. Where should Nadine buy her flour to get the best price?

- ② e. What are two other factors Nadine should consider when deciding where to buy flour?

- ③ 7. PetCetera™ has rabbit food for sale at a price of \$6.59 for a 250 g package. Petland™ sells rabbit food at a price of \$7.59 for 375 g. Using unit prices, decide which rabbit food costs less.
- ② 8. Sobeys™ sells apples for \$3.73/kg. Safeway™ sells the same type of apples for \$0.34/100g. Using unit pricing, which is the better deal?
- ② 9. Raylee is shopping for lunch meat. She sees a 1 kg ham for \$9.99, but she sees the same ham at the deli counter for \$2.49/100 g. Using unit pricing, which is the better deal?
- ② 10. Gas costs \$1.25 per litre at a local gas station. Jenny pays \$72.50 to fill her empty tank. How many litres of gas did she put in her tank?

Mark your work for *Chapter 2 Lesson 2 Practice Makes Perfect* using the solutions provided in the *Appendix*.





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