

End-of-Unit Assessment**Unit 5.3**

- 1** Determine the product 375×47 using the standard algorithm.

 **Show your thinking.** _____

answer: _____

- 2** Determine the quotient $1,530 \div 34$.

 **Show your thinking.** _____

answer: _____

- 3** Select the number that is closest to the quotient $8,745 \div 3$.

A. 30

B. 300

C. 3,000

D. 30,000

End-of-Unit Assessment (continued)**Unit 5.3**

- 4 A school ordered 18 boxes of textbooks. There were 26 textbooks in each box. 36 textbooks were distributed to each classroom. Which equation can be used to solve for c , the number of classrooms that received textbooks?

A. $c = (18 + 26) \div 36$

B. $c = 36 \div (18 \times 26)$

C. $c = (18 \times 26) - 36$

D. $c = (18 \times 26) \div 36$

- 5 The area of a rectangular yard is 5,664 square feet and its length is 48 feet. What is its width in feet?

 **Show your thinking.** _____

answer: _____

- 6 Complete the sentence by selecting **ONE** correct answer to make the statement about taxes true.

A. Income tax

B. Payroll tax

C. Property tax

D. Sales tax

_____ is money that people pay to the local government

_____ based on the value of their home or land.

End-of-Unit Assessment (continued)**Unit 5.3**

- 7** Clare's net income for the month of October is \$3,542.88. The table below shows an incomplete budget.

Expense	Amount
rent	\$850.71
food	\$1,061.43
entertainment	\$789.25
medical	\$125.67
savings	

How much should Clare put in savings for the month of October to keep a balanced budget?

- 8** What is the difference between net income and gross income?

End-of-Unit Assessment (continued)

Unit 5.3

**For Problems 9 and 10, you can use this rubric to help you.
Place a check mark as you complete each part.**

- | | |
|---|--|
| <input type="checkbox"/> Analyze the given information. | <input type="checkbox"/> Justify your solution, using math language from the unit. |
| <input type="checkbox"/> Come up with a plan. | <input type="checkbox"/> Read your response. Does your solution make sense? |
| <input type="checkbox"/> Determine your solution. | |

**Diego started a new job and is deciding how to balance his budget.
His net income for the month of December is \$2,465.76.**

- 9** What changes should he make to balance his budget?

Expense	Amount
rent	\$975.63
utilities	\$612.79
food	\$587.63
gifts	\$239.71
savings	\$250.00

- 10** Diego has \$200 in savings. He is planning to use a credit card to purchase a bike for \$100. His friend Han says that he should use a debit card instead of a credit card. Why might Han think he should use a debit card instead?
