

Homework

Unit 5 Lesson 2: Write One- and Two-Step Expressions



Name: _____

Date: _____

Directions: Write an expression and explain what the variable represents.

Example:

The park charges \$12 to enter and \$0.15 per ticket. Write an algebraic expression to represent the total amount spent by a guest.

Steps:

1. Read the problem.
2. Underline the clue words.
3. Write the expression.
4. Write what the variable represents.

$\$12 + \$0.15t$; t = number of tickets purchased.

1. Trevor earned \$25.00 making pizzas on Tuesday. He earned more money making pizzas on Wednesday. Write an expression that shows the amount of money Trevor has earned.

2. Cathy has eight more than twice as many dresses as Ann. Write an algebraic expression to represent the number of dresses that Cathy has.

3. Henry earned \$15.00 doing chores on Thursday. He earned more money doing chores on Friday. Write an expression that shows the amount of money Henry has earned.

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4. David has six more than twice as many guitar picks as Greg. Write an algebraic expression to represent the number of guitar picks that David has.

5. Chris' dad took Chris and several of his friends to the movies. His dad's ticket cost \$12 and student tickets for Chris and his friends cost \$7 each. Write an algebraic expression to represent the amount of money Chris' dad paid for all the tickets.

6. Susan earned \$30.00 tutoring on Monday. She earned more money tutoring on Tuesday. Write an expression that shows the amount of money Susan has earned.

7. Bailey has nine more than twice as many marbles as Anthony. Write an algebraic expression to represent the number of marbles that Bailey has.