

Writing Expressions
Day 2 Unit 1 Principles

Name: _____
Pd: _____ Date: _____

OBJECTIVE: To write an expression to represent a phrase or a situation from a word problem.

Write a variable expression for each situation.

- 1.) The product of 72 and a number.
- 2.) The difference of a number and one.
- 3.) 13 more than a number.
- 4.) The quotient of a number and 3.
- 5.) The sum of a number and 9.
- 6.) 8 less than a number.
- 7.) 5 minus the product of 2 and a number.
- 8.) 32 more than 6 times a number.
- 9.) It costs \$1.99 per download.
- 10.) There are sixty seconds in every minute.
- 11.) The number of calories in a serving is made up of the sum of calories from carbohydrates, protein and fat. Write an expression for calories.
- 12.) You are baking cookies that require 6 cups of cereal for each batch.
- 13.) Each box of spaghetti costs \$1.20 and each jar of spaghetti costs \$2.50. Write an expression for the amount of money spent on spaghetti.
- 14.) You need to separate the number of players in a basketball league into 29 teams. Write an expression for the number of players on each team.
- 15.) The cost of repairing a car is the sum of the cost for parts and \$45 per hour for labor. Write an expression for the complete repair.
- 16.) You are saving for a trip. You've already saved \$278 and can save \$50 per month until your trip. Write an expression for the amount of money you've saved when you take your trip.