

WARM UP

Write each phrase as a numerical or algebraic expression.

- 1.) 25 less than k
- 2.) 34 times w
- 3.) The sum of 135 and p
- 4.) The quotient of 45 and 23
- 5.) 89 added to 135
- 6.) Take away 9 from x

MATH COURSE I

Write Equations
& Expressions

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Write Equations

Equations can be written to represent a situation.

After you write the equation, use it to help you solve the problem.

One Step Examples

1) Dan makes \$7 per hour at the store. He worked for h amount of hours. If he made a total of \$56 dollars how much money did he make?

$$7h = 56$$

2) ISL library has 2,019 books. Our classroom also has a library, but with less books. Let b represent the amount of books the classroom library has. Write an expression for the difference between the number of books.

EXPRESSIONS EXAMPLES

- Write Expressions

Two Step Examples

1) Steve made \$5 an hour delivering flowers, but spends \$15 a day on gas. How many hours did he work if he ended up with \$40?

Money made (cost per hour times number of hours)

Money made – gas money = money left

$$5x - 15 = 40$$

Example

2) Jon collected stamps. He filled 4 pages of stamps, but on the 4th page there were three blank spots. If he had 77 stamps, how many spots for stamps were on each page?

Possible spots - blank spots = filled spots

$$4x - 3 = 77$$

PRACTICE

- One Step (Questions 1-4)
- Two Step (Questions 1, 2, 5, 6)