

*Objectives:

*variable:

*constant:

*algebraic expression:

| *Ways to Write Numerical Operations with Words | | | |
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Give two ways to write each algebraic expression in words.

1a. $4 - n$

1b. $\frac{t}{5}$

1c. $9 + q$

1d. $3(h)$

| *Translating Words into Algebraic Expressions | | | |
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2a. Lou drives at 65 mi/h. Write an expression for the number of miles that Lou drives in t hours.

2b. Miriam is 5 cm taller than her sister, who is m cm tall. Write an expression for Miriam's height in centimeters.

2c. Elaine earns \$32 per day. Write an expression for the amount that she earns in d days.

*evaluate:

Order of Operations: Parentheses, Exponents, Multiply/Divide (L→R), Add/Subtract (L→R)



Evaluate each expression for $m = 3$, $n = 2$, and $p = 9$.

3a. mn

3b. $p - n$

3c. $p \div m$



4. To make one sweater, sixty-three 20-ounce plastic drink bottles must be recycled.

- a. Write an expression for the number of bottles needed to make s sweaters.
- b. Find the number of bottles needed to make 12, 25, and 50 sweaters.

Inclass: p. 10 #36

Homework: p. 9-11 #17-43(odd)

Homework Help?