Lesson 3.1   November 19, 2013

Activity 3.1 | **Warm Up**
For use before Activity 3.1

Evaluate the expression.

1. $7 + 64$ **2.** $139 - 25$ **3.** $150 - 67$

4. 5×18 **5.** 52×9 **6.** $250 \div 5$

EssentialQuestion

How can you write and evaluate an expression that represents a real-life problem?

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LessonTarget

To be able to:

- write and evaluate an expression wrien in words, focusing on units and how to evaluate an algebraic expression.

Self-EvaluationRubric

Score	Description
4	I can teach other students how to write and evaluate an expression wrien in words, focusing on units and how to evaluate an algebraic expression.
3	I can write and evaluate an expression wrien in words, focusing on units and how to evaluate an algebraic expression.
2	I recognize how to write and evaluate an expression wrien in words, focusing on units and how to evaluate an algebraic expression.
1	I do not know how to write and evaluate an expression wrien in words, focusing on units and how to evaluate an algebraic expression.

Activity1

With a partner(s) work on Acvity 1   on page 57 in the so cover Big Ideas and Pracce Journal.

Activity2

With a partner(s) work on Acvity 2   on page 58 & 59 in the so cover Big Ideas and Pracce Journal.

AlgebraicExpression

An expression that may contain
numbers, operaons, and one
or more symbols.

Terms

Part of an algebraic expression.

The product of variables and/or constants.

Coeficient

The numerical factor of a term that contains a variable.

Constant

A term without a variable.

1 — Identifying Parts of an Algebraic Expression

Identify the terms, coefficients, and constants in each expression.

a. $5x + 13$

$$5x + 13$$

Terms: $5x$, 13

Coefficient: 5

Constant: 13

b. $2z^2 + y + 3$

$$2z^2 + y + 3$$

Terms: $2z^2$, $1y$, 3

Coefficients: 2, 1

Constant: 3

On Your Own

Identify the terms, coefficients, and constants in the expression.

1. $12 + 10c$

2. $15 + 3w + \dfrac{1}{2}$

3. $z^2 + 9z$

$$3 + x + 5 + 3x$$
$$8 + 4x$$

NOHomework