

Algebra I

Chapter 1 Expression, Equations, and Functions

Section 1.1 Evaluate Expressions

Variable-

Algebraic Expression

Example of Algebraic Expression

$$5(n) \text{ or } 5n = 5 * n$$

$$14/y = 14 \div y$$

$$6 + c$$

$$8 - x$$

Evaluate when $n = 3$

a) $13 - n$

b) $9/n$

c) $n - 15$

d) $n + 19$

Power -

Base

Exponent

Examples

a) 5^2

b) $(1/2)^3$

Section 1.2 Order of Operations

PEMDAS

Paranthesis

Exponents

Multiply 

Divide 

Add 

Subtract 

Examples Simplify the expression

a) $27 \div 3^2 \times 2 - 3$

b) $7(13-8)$

c) $24 - (3^2 + 1)$

d) $2[30-(8+13)]$

**Pg 5-6 #4-14 evens, 38-42 evens ,
48,50**

Pg 10-11 #4-36 evens.