**Reading and Writing Algebraic Expressions Guided Notes**

A \_\_\_\_\_\_\_\_\_\_\_\_ is a symbol, usually a letter, that stands for a number.

An \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ consists of one or more numbers, variables and operations.

How is it different from a numeric expression?

Examples of algebraic expressions. \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A \_\_\_\_\_\_\_\_\_ is number and or variable separated by + and or – signs.

3x + 4y - 6 has \_\_\_\_\_ \_\_\_\_\_\_\_\_\_.

\_\_\_\_\_\_\_\_\_\_\_ – a number that is multiplied with a variable.

In the term 3x, 3 is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Subtraction**

**Addition**

**Multiplication**

**Division**

Example 1: Write the verbal expression for 7n – 4.

Example 2: Write the verbal expression for 5(d + 6).

Example 3: Write an algebraic expression for “ 7 increased by 8.”

Example 4: Write an algebraic expression for “The quotient of 8 and 4.”

Practice

Write a verbal expression.

1. r – 8
2. 6x + 2

Write the algebraic expression.

1. f increased by 12

 4. 13 divided by y