

## ALGEBRAIC EXPRESSIONS

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Due Date: \_\_\_\_\_

Family Member Signature: \_\_\_\_\_

### Objective:

To translate expressions from math to English and back again.

### Practice Section:

1. Write three words in each section that mean the following operations.

+ \_\_\_\_\_

- \_\_\_\_\_

x \_\_\_\_\_

÷ \_\_\_\_\_

2. Write the following math expressions in English.

a.  $8a$

b.  $9 - b$

c.  $7 + 2c$

d.  $\frac{d}{4}$

e.  $e^2$

3. Write the following English expressions in Math language. Use 'n' to represent a number.

a. Triple a number.

b. Increase a number by seven.

c. A number less than thirteen.

d. Half a number.

e. 5 more than double a number.

**In Your Real World:**

With a family member, solve each of the following expressions.

**a = +4**

**b = 0.5**

**c = -2**

**d = 9**

**e = 3**

a)  $5 + b$

c)  $ade$

e)  $(\frac{1}{2}c + 7) \div 3$

b)  $d^2$

d)  $10e - 3a$

f)  $(a + b) + (\sqrt{d} - e)$