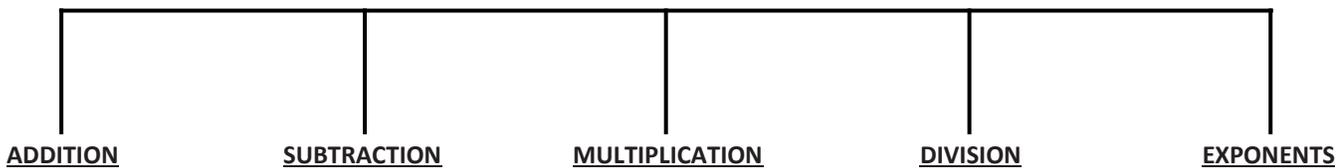


## Lesson 15: Read Expressions in Which Letters Stand for Numbers

### Classwork

#### Opening Exercise

Complete the graphic organizer with mathematical words that indicate each operation. Some words may indicate more than one operation.



#### Example 1

Write an expression using words.

a.  $a - b$

b.  $xy$

c.  $4f + p$

d.  $d - b^3$

e.  $5(u - 10) + h$

f.  $\frac{3}{d+f}$

**Exercises**

Circle all the vocabulary words that could be used to describe the given expression.

1.  $6h - 10$

ADDITION

SUBTRACTION

MULTIPLICATION

DIVISION

2.  $\frac{5d}{6}$

SUM

DIFFERENCE

PRODUCT

QUOTIENT

3.  $5(2 + d) - 8$

ADD

SUBTRACT

MULTIPLY

DIVIDE

4.  $abc$

MORE THAN

LESS THAN

TIMES

EACH

Write an expression using vocabulary to represent each given expression.

5.  $8 - 2g$

6.  $15(a + c)$

7.  $\frac{m+n}{5}$

8.  $b^3 - 18$

9.  $f - \frac{d}{2}$

10.  $\frac{u}{x}$

**Problem Set**

1. List five different vocabulary words that could be used to describe each given expression.
  - a.  $a - d + c$
  - b.  $20 - 3c$
  - c.  $\frac{b}{d+2}$
  
2. Write an expression using math vocabulary for each expression below.
  - a.  $5b - 18$
  - b.  $\frac{n}{2}$
  - c.  $a + (d - 6)$
  - d.  $10 + 2b$