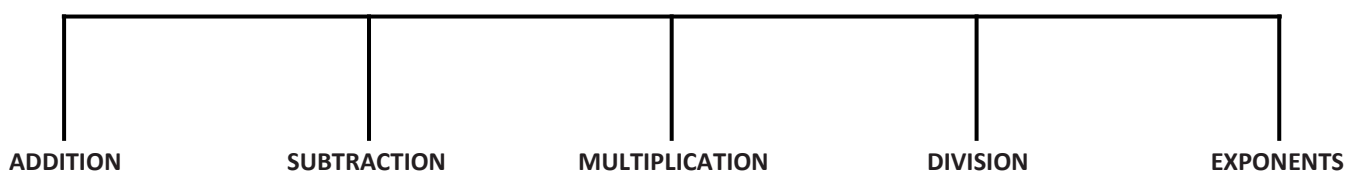


Lesson 15: Read Expressions in Which Letters Stand for Numbers

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. $10 + 2b$