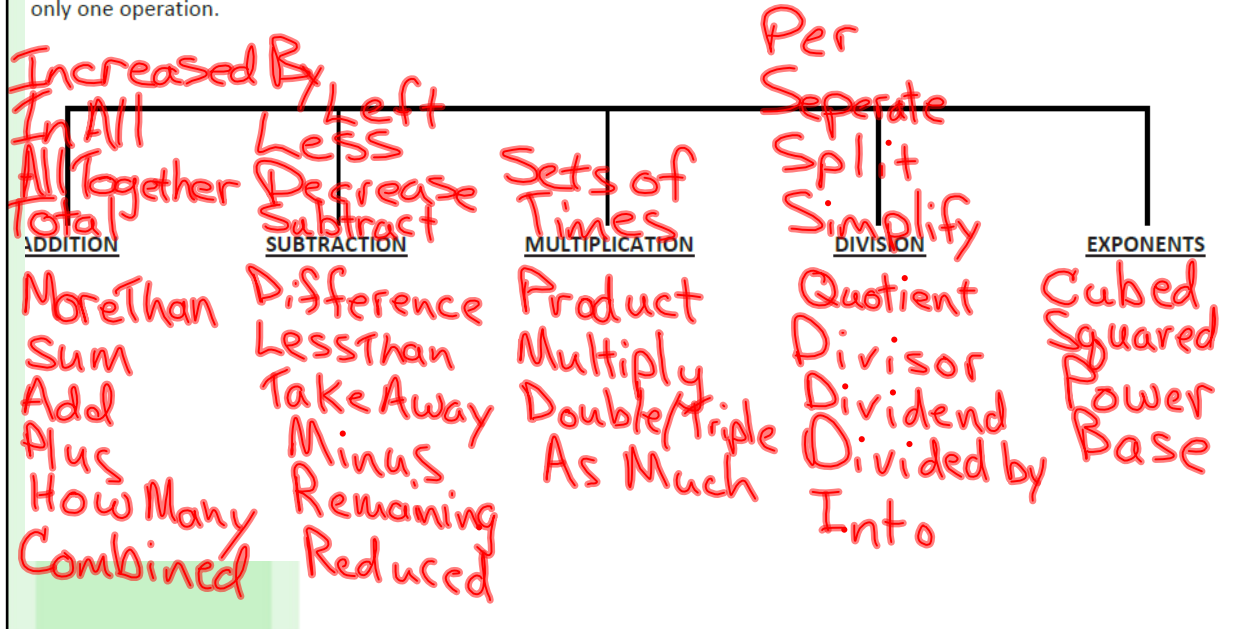


Lesson 15: Read Expressions in Which Letters Stand for Numbers

Classwork

Opening Exercise

Complete the graphic organizer with mathematical words that indicate each operation. Some words may not indicate only one operation.



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Example 1

Write an expression using words.

a. $a - b$

a minus b
 a takeaway b

b. xy

x times y
 the product of x & y

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c. $4f + u$

d. $d - b^3$

e. $5(u - 10) + h$
The quantity of u minus 10 times 5 plus h

f. $\frac{3}{d+f}$ *Three divided by the quantity of d + f*

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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

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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. $\frac{u}{x}$

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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. $\frac{b}{d+2}$

subtract, difference, add, reduced, plus

2. Write an expression using math vocabulary for each expression below.

a. $5b - 18$

b. $\frac{n}{2}$

c. $a + (d - 6)$

d. $10 + 2b$

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Exit Ticket

1. Write two word expressions for each problem using different math vocabulary for each expression.

a. $5d - 10$

b. $\frac{a}{b+2}$

2. List five different math vocabulary words that could be used to describe each given expression.

a. $3(d - 2) + 10$

b. $\frac{ab}{c}$

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