Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_

**MA\_EquationsExpressions\_lesson03\_Classwork**

Translating numerical expression into verbal phrases is an important skill in algebra. Key words and phrases play an essential role in this skill. The list to the right has words and phrases that suggest addition, subtraction, multiplication or division

**Part 1**

**Directions:** **Put each word from the list into the operation’s box that it most likely expresses.**

plus

difference

less than

factors

decreased by

times

ratio

increased by

separate

minus

of

sum

product

multiplied

less

more than

in all
divided

quotient

per

subtract

each

rate

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class work: Explore/Practice

EXPLORE

Write the following as a numerical expression.

1. The product of ten and seven.
2. The product of ten and five.
3. The product of ten and a number.

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**VOCABULARY**

Algebraic Expression \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Numerical Expression \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Written Expression \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Variable \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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PRACTICE- WHOLE CLASS

Write an ***algebraic expression*** for the problems below.

1. The sum of ten and a number.
2. The quotient of a number and twelve.
3. Eleven decreased by five times a number.

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_

Class work: Expressions

Directions: Match the written expressions in the column A with the algebraic expressions in column B.

**COLUMN B**

**COLUMN A**

The product of ten and a number increased by eight

The sum of a number and ten









The quotient of a number and eight

Eight less than twice a number





Ten divided by a number





Ten decreased by three times a number



The product of eight and a number



Eight increased by a number

A number decreased by ten

Ten more than twice a number

**Answer Key provided in the PowerPoint.**