

Name: _____ Date: _____

Interpret Language in Math Expressions**Definitions:**

Vocabulary	Definition	Examples
Algebraic Expression		
Variable		
Term		
Like Terms		
Coefficient		
Exponent		
Base		
Constant		
Factors		
Order of Operations		

Translations: Fill in the appropriate words for each math operation.

☞ **Half**

☞ **Plus**

☞ **Triple**

☞ **More Than**

☞ **Difference**

☞ **To the power of**

☞ **Sum**

☞ **Decreased**

☞ **Twice**

☞ **Less Than**
(swaps the
order)

☞ **Raised to a
power**

☞ **Take away**

☞ **Increased**

☞ **Cubed**

☞ **Minus**

☞ **Quotient**

☞ **Product**

☞ **Divide by**

☞ **Double**

☞ **Add**

☞ **Times**

☞ **Together**

☞ **Square**

Addition- (6 words)

Subtraction- (5 words)

Division- (3 words)

Multiplication- (5 words)

Exponents- (4 words)

1. The sum of a number and 10

2. The product of 9 and x square

3. 9 less than g to the fourth power

4. $8 + 3x$

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1. Identify each term, coefficient, constant, and factor in $5x^2 + 3x + 12$.

2. Write an expression with 4 terms, containing the coefficients 3, 6, and 9.

Translate each verbal expression to an algebraic expression.

3. Eight more than 3 times a number

4. The difference of 10 and a number

5. The quotient of 12 and a number

6. 15 less than twice a number

7. Three-fourths the square of a number

8. The product of 5 and the cube of a number increased by the difference of 6 and x

9. Half the sum of x and y decreased by one-third of y

10. The sum of a number and six, divided by eight

Translate each algebraic expression to a verbal expression.

11. $25 - x$

12. $x^4 - 12$

13. $3 + \frac{1}{2}x$

14. $8^2 - x$

15. $\frac{6-x}{13}$

16. $25(6+x)$
