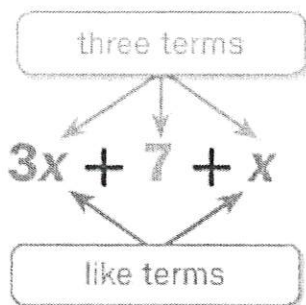


Vocabulary Start-Up



When addition or subtraction signs separate an algebraic expression into parts, each part is called a **term**. The numerical factor of a term that contains a variable is called the **coefficient**. A term without a variable is called a **constant**. **Like terms** are terms that contain the same variables, such as x , $2x$, and $3x$.

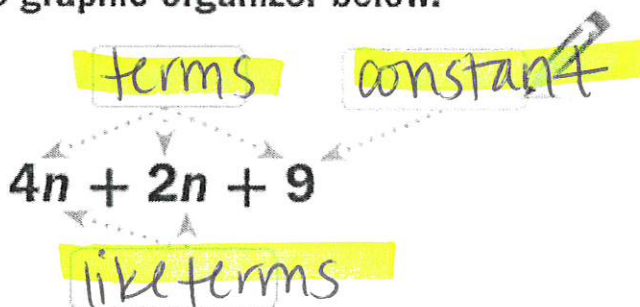


The three terms are $3x$, 7 , and x .

The terms $3x$ and x are like terms because they have the same variable, x .

The constant is 7 .

Label the graphic organizer below.



Real-World Link

Games Andrew's mother gave him a computer game and \$10 for his birthday. His aunt gave him two computer games and \$5. The expression $x + 10 + 2x + 5$, where x represents the cost of each game, can be used to represent Andrew's birthday gifts.

1. What is the coefficient of the term $2x$? 2
2. How many terms are in the expression $(x) + (10) + (2x) + (5)$? 4

* terms are only separated by addition and subtraction signs
 $(4 \div 6) + (3)$ ← only 2 terms (think: can be written as $(\frac{4}{6}) + (3)$)