**Key Concepts and Vocabulary**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Instructions**

As you go through the lesson, use this worksheet to learn and practice essential vocabulary. This will help you understand new words and how to use them correctly.

**Section 1: Key Vocabulary in Action**

Read each word and its meaning. Then, write a sentence to show how the word can be used.

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| **Word and Definition** | **Use it in a Sentence** |
| **variable** A symbol, usually a letter, that represents one or more numbers | *example: In the equation x + 5 = 10, x is the* ***variable****.* |
| **expression** A combination of numbers, variables, and operations | *example: 3x + 2 is an* ***expression****.* |
| **equation** A mathematical statement that two expressions are equal | *example: 2x + 3 = 7 is an* ***equation****.* |
| **number line** A line on which numbers are marked at intervals | *example: A* ***number line*** *can help visualize the value of variables.* |
| **constant** A fixed value that does not change | *example: In the expression 4x + 7, 7 is a* ***constant****.* |
| **coefficient** A number that multiplies a variable | *example: In the term 5y, 5 is the* ***coefficient****.* |

**Section 2: Word Discoveries**

As you go through the lesson, write down any new words you come across that you didn’t know. Then, write their definition.

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| **New Word** | **Definition** |
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