

Lesson 9-2 **Reading in the Content Area****Main Idea**

1. Mark the *main idea* with an *M*.
Mark the statement that is *too broad* with a *B*.
Mark the statement that is *too narrow* with an *N*.

_____ Inverse operations *undo* each other.
_____ To solve $x + 3 = 8$, subtract 3 from each side of the equation.
_____ You can solve an addition equation by applying the Subtraction Property of Equality.

Subject Matter

2. This lesson is mainly about how to _____
- a. solve equations like $b + 5 = 2$.
 - b. solve equations like $b - 5 = 2$.
 - c. solve equations using a balance.
 - d. write equations to represent weather forecasts.

Supporting Details

3. To “undo” the addition of 3 in the equation, $x + 3 = 8$, you would _____
- a. add 3 to each side of the equation.
 - b. subtract 3 from each side of the equation.
 - c. multiply each side of the equation by 3.
 - d. divide each side of the equation by 3.

Conclusion

4. The equation that represents having \$25 and receiving more money (m) to equal a total of \$45 is _____
- a. $45 + 25 = m$.
 - b. $25 - m = 45$.
 - c. $25 + m = 45$.
 - d. $25m = 45$.

Clarifying Details

5. The Key Concept box shows _____
- a. how to use the Subtraction Property of Equality to solve an addition equation.
 - b. how to use properties of equality to solve any equation.
 - c. how to use the Addition Property of Equality to solve a subtraction equation.
 - d. that you can solve any addition equation by subtracting 2.

Vocabulary in Context

6. To *solve an equation* means _____
- a. to calculate an answer.
 - b. to use an inverse operation.
 - c. to use counters.
 - d. to find the value of that variable that results in a true sentence.