

**Lesson 4-2**      **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*.

\_\_\_\_\_ To solve  $x + 4 = 9$ , subtract 4 from each side of the equation.  
\_\_\_\_\_ Inverse operations “undo” each other.  
\_\_\_\_\_ You can solve equations by adding or subtracting the same number from each side of an equation.

**Subject Matter**

2. This lesson is mainly about \_\_\_\_\_
- a. how bottle-nosed dolphins and killer whales are related.
  - b. how to solve equations like  $3x = 12$ .
  - c. how to solve equations like  $x - 2 = -1$ .
  - d. how to use models to solve equations.

**Supporting Details**

3. To undo the addition of 4 in the equation  $x + 4 = 9$ , you would \_\_\_\_\_
- a. add 4.
  - b. subtract 4.
  - c. multiply by 4.
  - d. divide by 4.

**Conclusion**

4. To solve  $y - 3 = -5$ , you would \_\_\_\_\_
- a. subtract 3 from each side.
  - b. subtract 5 from each side.
  - c. add 3 to each side.
  - d. add 5 to each side.

**Clarifying Details**

5. The Key Concept boxes show \_\_\_\_\_
- a. that you can solve any addition equation by subtracting 2 from each side.
  - b. that you can solve any subtraction equation by adding 2 to each side.
  - c. the properties that help you solve any addition or subtraction equation.
  - d. the properties that help you solve any equation.

**Vocabulary in Context**

6. To *solve an equation* means \_\_\_\_\_
- a. to find an answer.
  - b. to find a number that makes the equation true.
  - c. to use the addition or subtraction property of equality.
  - d. to use inverse operations.