NAME _____ DATE _____ PERIOD ____

Lesson 3-1 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*.

____ The square root of 64 is 8.
____ You can find the square root of perfect squares.
____ Evaluating square roots is essential for working in advanced algebra.

Subject Matter

2. This lesson is mainly about ____

a. square arrangements of tiles.
b. how to square and cube numbers.
c. the real number system.
d. finding square roots.

Supporting Details

3. An example of a *perfect square* is ____

a -3.
b. 8.
c. 50.
d. 121.

Conclusion

4. $-\sqrt{100}$ is ____

a. -50.
b. -10.
c. 10.
d. -50.

Clarifying Details

5. The Key Concept box shows ____

a. the symbol used to represent the square root.
b. a chart of perfect squares.
c. the definition and examples of square root.
d. how to evaluate square roots.

Vocabulary in Context

6. An *exponent* is ____

a. a number that tells how many times a base is used as a factor.
b. a test or a trial.
c. a factor in a multiplication problem.
d. a square number.