

Lesson 11-2 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*.**

_____ Functions are important because they are what enable mathematics to describe and explain the world around us.

_____ You can organize the input, rule, and output of a function into a function table.

_____ The set of input values in a function is called the domain.

Subject Matter

- 2. This lesson is mainly about _____**

- a. how to graph linear functions.
- b. how to find intercept values.
- c. how to find function values.
- d. how veterinarians use functions.

Supporting Details

- 3. The *range* in a function is _____**

- a. the set of input values.
- b. the frequency of values.
- c. the set of output values.
- d. the notation.

Conclusion

- 4. To find the value of $f(9)$ if $f(x) = x - 5$, you should _____**

- a. simplify $x - 5$.
- b. substitute 9 for x into the function rule.
- c. substitute -9 for x into the function rule.
- d. square x and add 5.

Clarifying Details

- 5. The operations performed in a function are sometimes called _____**

- a. the rule.
- b. real numbers.
- c. the graph.
- d. the information.

Vocabulary in Context

- 6. To *substitute* means _____**

- a. to price.
- b. to notate.
- c. to represent.
- d. to replace.