

**Lesson 8-3**      **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*.

- \_\_\_\_\_ You can predict actions of a larger group by using a sample based on survey data.  
\_\_\_\_\_ The ability to use statistics to predict is one of the core skills in statistical reasoning.  
\_\_\_\_\_ Survey results of *54 out of 100* means 54%.

**Subject Matter**

2. This lesson is mainly about how to \_\_\_\_\_
- make predictions based on survey data by using the percent proportion.
  - design a survey.
  - use a random sample based on prior data.
  - solve proportions.

**Supporting Details**

3. To find 70% of 2,640, you should \_\_\_\_\_
- divide 70 by 10 then multiply by 2,640.
  - multiply 70 by 2,640.
  - divide 2,640 by 70.
  - multiply 0.7 by 2,640.

**Conclusion**

4. To write 25% as a decimal, \_\_\_\_\_
- divide 25 by 10.
  - divide 25 by 100.
  - multiply 25 by 10.
  - multiply 25 by 100.

**Clarifying Details**

5. The term *survey* means \_\_\_\_\_
- a graphic designed to display specific data.
  - a sample of data points.
  - a question or set of questions designed to collect data about a specific group of people.
  - answers to a set of questions.

**Vocabulary in Context**

- 6 *Data* are \_\_\_\_\_
- pieces of information.
  - categories.
  - numerical expressions.
  - specific events.