

Lesson 4-3 **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*.

- _____ “Rise” refers to the vertical change when finding the slope of a line.
_____ Since slope is a rate of change, it can have real-life meaning.
_____ You can find the slope of a line by calculating the ratio of the rise to the run.

Subject Matter

2. This lesson is mainly about how to _____
- maintain a fitness program using a graph.
 - find the slope of the line when points on that line are given.
 - solve proportions.
 - express ratios.

Supporting Details

3. If the rise of a line is 2 units and the run is 3 units, then the slope is _____
- 2.3.
 - $\frac{3}{2}$.
 - 5.
 - $\frac{2}{3}$.

Conclusion

4. If the slope of a line is 0, the line is _____
- a horizontal line.
 - vertical line.
 - a downward line.
 - an upward line.

Clarifying Details

5. The term *slope* is defined as _____
- the points on a line.
 - the ratio of the vertical change to the horizontal change.
 - a graph of numbers.
 - an equation.

Vocabulary in Context

6. A *rate of change* is a rate that _____
- compares a number and its opposite.
 - is always positive.
 - describes how one quality changes in relation to another.
 - depends on the value of money.