

# Algebra/Data Analysis Toolkit: Indicator 3.1.2

Student Handout: Algebra/Data Analysis: Indicator 3.1.2

## Goal 3.0 Data Analysis And Probability

Expectation 3.1 The student will collect, organize, analyze, and present data.

Indicator 3.1.2 The student will use the measures of central tendency and/or variability to make informed conclusions.

Assessment Limits:

Measures of central tendency include mean, median, and mode.

Measures of variability include range, interquartile range, and quartiles.

Data may be displayed in a variety of representations which may include: frequency tables, box and whisker plots, and other displays.

## Public Release - Selected Response Item - Released in 2009

Algebra/Data Analysis Indicator 3.1.2

Stephanie scored 88, 70, 84, and 72 on her first four science tests. What score does Stephanie need on her fifth science test to receive a mean score of 80?

- A. 79
- B. 80
- C. 82
- D. 86

Correct Answer

D. 86

## Item

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- D. 86