SOUTH CAROLINA DEPARTMENT OF EDUCATION

Algebra 1
Item Types and Descriptions

Overview:

The test consists of machine scored items including selected-response, technology-enhanced, and technology-enhanced constructed-response. All items are worth 1 score point.

Selected-Response:

Students are presented with an item and four possible answer options. Students demonstrate their knowledge by selecting one correct answer.

Technology-Enhanced Items:

Drag and Drop: Students click on selectable objects and sort them into groups, steps, or other arrangements to demonstrate their knowledge. Some examples of selectable objects include single numerical values, numerical expressions or equations, algebraic equations or expressions, graphs, statements, operational signs, geometric figures, and tables.

Drop-Down Input: Students are expected to select their response from a drop-down list or drop-down menu.

Hot Spot: Students interact with selectable objects to demonstrate their knowledge, skills, and abilities to answer a question. Selectable objects include whole or parts of figures, graphs, tables, verbal descriptions, or symbolic representations.

Matching: Students demonstrate their knowledge by connecting a line from each response in a set of graphics on the left side of the screen to a response in a set of graphics on the right side of the screen.

Match Interaction Table: Students are presented with a matrix consisting of mathematical or English statements across the columns and rows. Students demonstrate their knowledge by selecting one or more correct answers per row to associate correct statements in the matrix.

Technology-Enhanced Constructed Response Items:

Graphing Input: The student is presented with a graph. The student is expected to construct graphs of lines and figures in the Cartesian plane to answer the item.

Number Line Input: The student is presented with a number line. The student is expected to respond to the item by plotting points, drawing a line, or labeling parts of a number line.

Keypad Input: Students are presented with an item. The student is asked to respond by writing their numerical answer or writing a mathematical expression or equation to answer the item.