**Assessment Targets New to the 2014 GED Math Test**

  Q.1.d Identify absolute value of a rational number as its distance from 0 on the number line and determine the distance between two rational numbers on the number line, including using the absolute value of their difference.

  Q.2.d Determine when a numerical expression is undefined.

  A.1.f Factor polynomial expressions.

  A.3.a Solve linear inequalities in one variable with rational number coefficients.

  A.3.b Identify or graph the solution to a one variable linear inequality on a number line.

  A.3.c Solve real-world problems involving inequalities.

  A.3.d Write linear inequalities in one variable to represent context.

  A.7.b Represent or identify a function in a table or graph as having exactly one output (one element in the range) for each input (each element in the domain).

**GED 2014 Mathematical Reasoning Module Assessment Targets**

**Quantitative Problem Solving**

**Assessment Targets Content Indicators**

* Q.1 Apply number sense concepts, including ordering rational numbers, absolute value, multiples, factors, and exponents
* Q.2 Add, subtract multiply, divide and use exponents and roots of rational, fraction and decimal numbers
* Q.3 Calculate and use ratios, percents and scale factors
* Q.4 Calculate dimensions, perimeter, circumference, and area of two-dimensional figures
* Q.5 Calculate dimensions, surface area, and volume of three-dimensional figures
* Q.6 Interpret and create data displays
* Q.7 Calculate and use mean, median, mode and weighted average
* Q.8 Utilize counting techniques and determine probabilities

**Algebraic Problem Solving**

**Assessment Targets Content Indicators**

* A.1 Write, evaluate, and compute with expressions and polynomials
* A.2 Write, manipulate, and solve linear equations
* A.3 Write, manipulate, solve, and graph linear inequalities
* A.4 Write, manipulate, and solve quadratic equations
* A.5 Connect and interpret graphs and functions
* A.6 Connect coordinates, lines, and equations
* A.7 Compare, represent, and evaluate functions