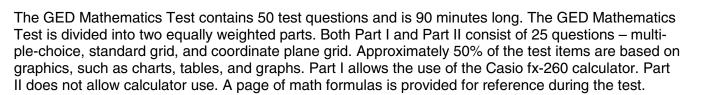
## **GED** Mathematics Test



## Content

The GED Mathematics Test covers the following four basic content areas:

- Number Operations and Number Sense (20-30%)
- Data Analysis, Statistics, and Probability (20-30%)
- Algebra, Functions and Patterns (20-30%)
- Measurement and Geometry (20-30%)

## **Types of Questions**

The GED Mathematics Test assesses a candidate's ability to solve three types of questions. The three types of questions are:

- Procedural (20% 10 questions) require a candidate to select and apply the appropriate process for solving a problem and assess the ability to:
  - Select and apply the correct operation or procedure to solve a problem
  - o Modify procedures as needed, given the problem setting
  - o Read and interpret graphs, charts, and tables
  - o Round, estimate, and order numbers as needed in a given situation
- Conceptual (30% 15 questions) assess conceptual understanding of mathematics and require candidates to demonstrate their knowledge of how basic math concepts and principles work and assess the ability to:
  - Recognize basic mathematical concepts
  - o Identify and apply concepts and principles of mathematics
  - o Compare, contrast, and integrate concepts and principles
  - o Interpret and apply signs, symbols, and mathematical terms
  - o Demonstrate understanding of relationships among numbers, concepts, and principles
- Application/Modeling/Problem Solving (50% 25 questions) assesses the ability to apply math principles and problem-solving strategies and require the candidate to:
  - o Identify the type of problem that is represented
  - o Decide whether or not there is sufficient information provided to solve a problem
  - o Select only the information that is necessary to solve a given problem
  - o Apply the appropriate problem-solving strategy to compute an answer
  - Adapt strategies or procedures to solve a problem
  - o Determine whether an answer is reasonable