# National Evaluation Series™
## Test Framework Worksheet
# Mathematics

**Test Code 304**

Notes:

| | | Multiple-Choice Questions (approx.) | Test Proportion (approx.) | | | | |
|---|---|---|---|---|---|---|---|
| **CONTENT DOMAIN I—MATHEMATICAL PROCESSES AND NUMBER SENSE** | | **29** | **19%** | | | | |
| Competency | 0001 | Understand mathematical problem solving. | | | | | |
| | 0002 | Understand mathematical communication, connections, and reasoning. | | | | | |
| | 0003 | Understand number theory. | | | | | |
| **CONTENT DOMAIN II—PATTERNS, ALGEBRA, AND FUNCTIONS** | | **34** | **24%** | | | | |
| Competency | 0004 | Understand relations and functions. | | | | | |
| | 0005 | Understand linear, quadratic, and higher-order polynomial functions. | | | | | |
| | 0006 | Understand exponential and logarithmic functions. | | | | | |
| | 0007 | Understand rational, radical, absolute value, and piece-wise defined functions. | | | | | |
| **CONTENT DOMAIN III—MEASUREMENT AND GEOMETRY** | | **29** | **19%** | | | | |
| Competency | 0008 | Understand measurement principles and procedures. | | | | | |
| | 0009 | Understand Euclidean geometry in two and three dimensions. | | | | | |
| | 0010 | Understand coordinate and transformational geometry. | | | | | |
| **CONTENT DOMAIN IV—TRIGONOMETRY AND CALCULUS** | | **29** | **19%** | | | | |
| Competency | 0011 | Understand trigonometric functions. | | | | | |
| | 0012 | Understand differential calculus. | | | | | |
| | 0013 | Understand integral calculus. | | | | | |
| **CONTENT DOMAIN V—STATISTICS, PROBABILITY, AND DISCRETE MATHEMATICS** | | **29** | **19%** | | | | |
| Competency | 0014 | Understand principles and techniques of statistics. | | | | | |
| | 0015 | Understand principles and techniques of probability. | | | | | |
| | 0016 | Understand principles of discrete mathematics. | | | | | |