**Mathematics 4–8 (115)**

**Test Characteristics**

**Number of test items:** 90 multiple-choice questions. Typically, 80 multiple-choice questions are scorable and 10 multiple-choice questions are used for pilot testing purposes and are nonscorable (i.e., they do not contribute to the examinee’s score).

**Score scale:** The Mathematics 4–8 test is scored on a 100–300 scale, with a passing score of 240.

**Test Structure**

The Mathematics 4–8 test contains the following domain and test item structure:

|  |  |  |  |
| --- | --- | --- | --- |
| **Domain**  **No.** | **Domain Title** | **Approx. Percent of Test** | **Typical Number of Scorable Multiple- Choice Items** |
| I. | Number Concepts | 16% | 13 |
| II. | Patterns and Algebra | 21% | 17 |
| III. | Geometry and Measurement | 21% | 16 |
| IV. | Probability and Statistics | 16% | 13 |
| V. | Mathematical Processes and Perspectives | 10% | 8 |
| VI. | Mathematical Learning, Instruction, and  Assessment | 16% | 13 |

**Test Administration**

On each test date, the Mathematics 4–8 test is administered as a half-session test during the morning and afternoon test sessions. Each session is five hours long.

Examinees are provided a Definitions/Formula Page and a Texas Instruments TI-30X II scientific calculator.

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