

Grade 8 Mathematics Item Specifications
 Florida Standards Assessments

| | | |
|---|--|-----------------|
| Content Standard | <p>MAFS.8.EE Expressions and Equations</p> <p>MAFS.8.EE.1 Work with radicals and integer exponents.</p> <p>MAFS.8.EE.1.3 Use numbers expressed in the form of a single digit times an integer power of 10 to estimate very large or very small quantities, and to express how many times as much one is than the other. <i>For example, estimate the population of the United States as 3 times 10^8 and the population of the world as 7 times 10^9, and determine that the world population is more than 20 times larger.</i></p> | |
| Assessment Limits | N/A | |
| Calculator | No | |
| Item Types | Editing Task Choice Equation Editor Hot Text Multiple Choice Open Response | |
| Context | Allowable | |
| Sample Item | | Item Type |
| The average mass of a giraffe is approximately 1×10^3 kilograms. The average mass of a blue whale is approximately 2×10^6 kilograms. About how many times more mass does a blue whale have than a giraffe? | | Equation Editor |
| See Appendix for the practice test item aligned to this standard. | | |