Standard: MA 6.1.1 Numeric Relationships: Students will demonstrate, represent, and show relationships among fractions, decimals, percents, and integers within the base-ten number system.

MA 6.1.1.b Represent non-negative whole numbers using exponential notation.		
ALD Level Descriptions	Maximum DOK	Aligned Item Formats
Level 1 Developing • Represents a non-negative whole number less than 100 with a single term in exponential form. • Evaluates a numerical expression with an exponent that represents a non-negative whole number. Must be a number other than a power of 10. • Compares values of non-negative whole numbers when presented in exponential form. Should not require evaluating the expression or rules of exponents but may require rewriting it in an equivalent form.	1	• Constructed Response • Equation Editor • Gap Match or Graphic Gap Match • Graphing • Hot Text • Multiple Choice • Text Entry
Level 2 On Track • Represents a non-negative whole number greater than 100 but not a power of 10 as a single term in exponential form. • Represents a non-negative whole number greater than 100 but not a power of 10 as a single term in exponential form when 1) given the base, determines the exponent, 2) given the exponent, determines the base.	2	• Constructed Response • Gap Match or Graphic Gap Match • Graphing • Hot Text • Multiple Choice • Text Entry
Level 3 College and Career Ready • Represents more than one way to write exponential form of non-negative whole numbers. Ex: Is there more than one way to write 81 in exponential form? Explain your answer.	1	• Constructed Response • Gap Match or Graphic Gap Match • Graphing • Hot Text • Multiple Choice • Text Entry