Content Standard	***MAFS.6.EE*** *Expressions and Equations* ***MAFS.6.EE.1*** *Apply and extend previous understandings of arithmetic to algebraic expressions.* ***MAFS.6.EE.1.2*** Write, read, and evaluate expressions in which letters stand for numbers. ***MAFS.6.EE.1.2a*** Write expressions that record operations with numbers and with letters standing for numbers. *For example, express the calculation "Subtract y from 5" as 5 – y.* ***MAFS.6.EE.1.2b*** Identify parts of an expression using mathematical terms (sum, term, product, factor, quotient, coefficient); view one or more parts of an expression as a single entity. *For example, describe the expression 2 (8 + 7) as a product of two factors; view (8 + 7) as both a single entity and a sum of two terms.* ***MAFS.6.EE.1.2c*** Evaluate expressions at specific values of their variables. Include expressions that arise from formulas used in real-world problems. Perform arithmetic operations, including those involving whole-number exponents, in the conventional order when there are no parentheses to specify a particular order (Order of Operations). *For example, use the formulas V = s3 and A = 6 s2 to find the volume and surface area of a cube with sides of length s = 1/2.*
Assessment Limits	Rational numbers.
Calculator	No
Acceptable Response Mechanisms	Equation Response Multi-Select Response
Context	Allowable

Example	
Context	Ages of two different boys. Expression contains rational numbers and/or exponents.
Context easier	Information is explicit in context. Expressions use only whole numbers.
Context more difficult	Multiple expressions are considered. Expressions involve rational numbers and exponents.

Sample Item Stem	Response Mechanism	Notes, Comments
What statements describe the expression 5 + 2*x*?	Multi-Select Response	

Jeffrey is 6 years old. He has an older brother whose age is represented by the expression $2x + 5$, where x represents Jeffrey's age. How old is his brother?	Equation Response	
Jeffrey is 10 years old. He has a brother named Max. Max is 5 years older than twice Jeffery's age. Write an expression that represents the relationship of Max's age in terms of Jeffrey's age, n.	Equation Response	
Find the surface area of a cube with sides of length s = $\frac{1}{3}$.	Equation Response	