Grade 5 Smarter Balanced Assessment Item Specifications Fact Sheet

Claim 1 - Target A: Write and interpret numerical expressions.
Content Domain: Operations and Algebraic Thinking
Claim 1 Supporting Cluster

Standards Assessed in Target A:

5.OA.1: Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols.

5.OA.2: Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them. *For example, express the calculation "add 8 and 7, then multiply by 2" as 2 × (8 + 7). Recognize that 3 × (18932 + 921) is three times as large as 18932 + 921, without having to calculate the indicated sum or product.*

Achievement Level Descriptors

Level 1	Students should be able to evaluate numerical expressions that have either parentheses, brackets, or braces.
Level 2	Students should be able to write and evaluate numerical expressions having two non-nested sets of parentheses, brackets, or braces.
Level 3	Students should be able to write, evaluate, and interpret numerical expressions having any number of non-nested sets of parentheses, brackets, or braces.
Level 4	No Descriptor.

Construct-Relevant Vocabulary

dividend, divisor, factor, quotient, sum

Allowable Stimulus Materials

numerical and verbal expressions