## Claims for the Mathematics Summative Assessment

### Overall Claim for Grades 3–8
“Students can demonstrate progress toward college and career readiness in mathematics.”

### Overall Claim for Grade 11
“Students can demonstrate college and career readiness in mathematics.”

### Claim #1 – Concepts & Procedures
“Students can explain and apply mathematical concepts and interpret and carry out mathematical procedures with precision and fluency.”

### Claim #2 – Problem Solving
“Students can solve a range of complex well-posed problems in pure and applied mathematics, making productive use of knowledge and problem solving strategies.”

### Claim #3 – Communicating Reasoning
“Students can clearly and precisely construct viable arguments to support their own reasoning and to critique the reasoning of others.”

### Claim #4 – Modeling and Data Analysis
“Students can analyze complex, real-world scenarios and can construct and use mathematical models to interpret and solve problems.”

Approved by Smarter Balanced Governing States 5/18/2012