

Claims Structure*: Mathematics – Grades 3 - 8

Master Claim: On-Track for college and career readiness. The degree to which a student is college and career ready (or “on-track” to being ready) in mathematics. The student solves grade-level /course-level problems in mathematics as set forth in the Standards for Mathematical Content with connections to the Standards for Mathematical Practice.

Sub-Claim A: Major Content¹ with Connections to Practices

The student solves problems involving the Major Content¹ for her grade/course with connections to the Standards for Mathematical Practice.

26 - 31 points

Sub-Claim B: Additional & Supporting Content² with Connections to Practices

The student solves problems involving the Additional and Supporting Content² for her grade/course with connections to the Standards for Mathematical Practice.

9 - 14 points

Sub-Claim C: Highlighted Practices MP.3,6 with Connections to Content³ (expressing mathematical reasoning)

The student expresses grade/course-level appropriate mathematical reasoning by constructing viable arguments, critiquing the reasoning of others, and/or attending to precision when making mathematical statements.

14 points

Sub-Claim D: Highlighted Practice MP.4 with Connections to Content (modeling/application)

The student solves real-world problems with a degree of difficulty appropriate to the grade/course by applying knowledge and skills articulated in the standards for the current grade/course (or for more complex problems, knowledge and skills articulated in the standards for previous grades/courses), *engaging particularly in the Modeling practice*, and where helpful making sense of problems and persevering to solve them (MP. 1), reasoning abstractly and quantitatively (MP. 2), using appropriate tools strategically (MP.5), looking for and making use of structure (MP.7), and/or looking for and expressing regularity in repeated reasoning (MP.8).

12 points

Total Exam :

66 points

¹ For the purposes of the PARCC Mathematics assessments, the Major Content in a grade/course is determined by that grade level’s Major Clusters as identified in the *PARCC Model Content Frameworks v.3.0* for Mathematics. Note that tasks on PARCC assessments providing evidence for this claim will sometimes require the student to apply the knowledge, skills, and understandings from across several Major Clusters.

² The Additional and Supporting Content in a grade/course is determined by that grade level’s Additional and Supporting Clusters as identified in the *PARCC Model Content Frameworks v.3.0* for Mathematics.

³ Sub-Claim C includes only Major Content.

*Updated September 2014. All points from fluency items in Grades 3 – 6 were reallocated to Sub-Claim A or Sub-Claim B. Updated July 2015 to reflect the shortened test design.