High Level Blueprints - Mathematics

Math item counts per form*

	Items	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Algebra I	Math I	Geometry	Math II	Algebra II	Math III
	Type I 1 Point	32	26	26	24	24	22	23	23	25	23	21	19
	Type I 2 Point	4	7	7	6	6	5	9	9	8	9	10	11
	Type I 4 Point	-	-	-	1	1	2	2	2	2	2	2	2
	Type II 3 Point	2	2	2	2	2	2	2	2	2	2	2	2
	Type II 4 Point	2	2	2	2	2	2	2	2	2	2	2	2
	Type III 3 Point	2	2	2	2	2	2	2	2	2	2	2	2
	Type III 6 Point	1	1	1	1	1	1	2	2	2	2	2	2
TOTAL	Type I	36	33	33	31	31	29	34	34	35	34	33	32
	Type II	4	4	4	4	4	4	4	4	4	4	4	4
	Type III	3	3	3	3	3	3	4	4	4	4	4	4

*The assessment will also include embedded field-test items which will not count towards a student's score.

Overview of Task Types

- The assessments for mathematics will involve three primary types of tasks: Type I, II, and III.

- Each task type is described on the basis of several factors, principally the purpose of the task in generating evidence for certain sub claims.

Task Type	Description of Task Type
I. Tasks assessing *concepts, skills and procedures*	• Balance of conceptual understanding, fluency, and application • Can involve any or all mathematical practice standards • Machine scorable including innovative, computer-based formats • Sub-claims A and B
II. Tasks assessing *expressing mathematical reasoning*	• Each task calls for written arguments / justifications, critique of reasoning, or precision in mathematical statements (MP.3, 6). • Can involve other mathematical practice standards • May include a mix of machine scored and hand scored responses • Sub-claim C
III. Tasks assessing *modeling / applications*	• Each task calls for modeling/application in a real-world context or scenario (MP.4) • Can involve other mathematical practice standards • May include a mix of machine scored and hand scored responses • Sub-claim D