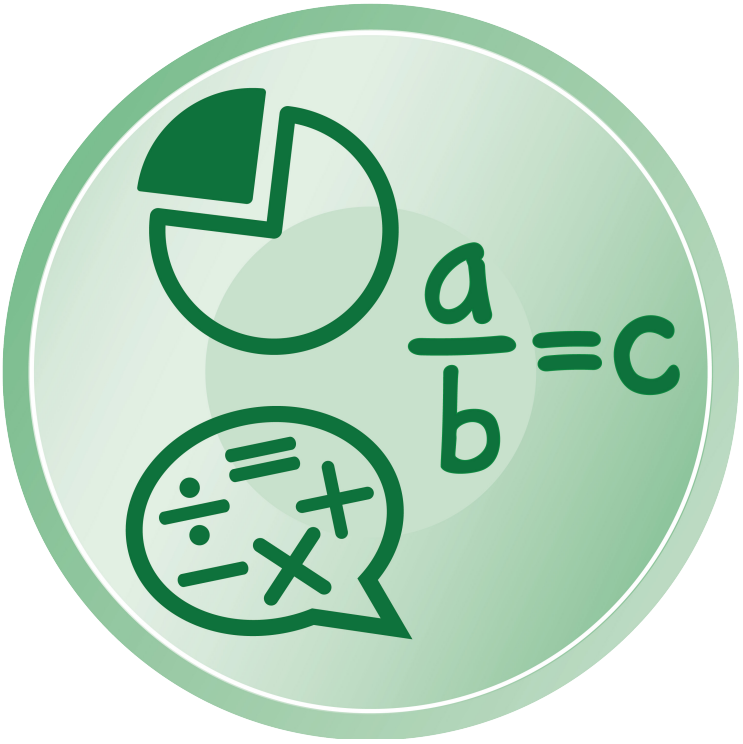
California Alternate Assessment

California Assessment of Student Performance and Progress

Practice Test Scoring Guide



Mathematics Grade Seven

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Practice Test Scoring Guide

Introduction to Practice Test Scoring Guide

The California Alternate Assessment (CAA) for Mathematics Practice Test Scoring Guide offers details about the items, student response types, correct responses, and related scoring considerations for the included samples of practice test items. The Practice Test gives students, parents and families, teachers, administrators, and others an opportunity to become familiar with the types of items on the CAA for Mathematics. When students know what to expect on the test, they will be better prepared to demonstrate their proficiency in the alternate achievement standards, called Core Content Connectors, assessed at grade seven. The practice test items are representative of the item types included in the CAA for Mathematics.

This scoring guide should be used alongside the online practice tests, which can be accessed at the Practice and Training Tests web page.

The following information is presented in a metadata table for each item on the Practice Test:

Item: This is the number that corresponds to the item as it appears in the Practice Test.

Key: This represents the correct answer(s) to the item and includes the score point value for the item and its parts. Items are worth either one or two points.

Category: This references the broad content area that contains related targets and standards.

Connector: This references the alternate achievement standard linked to a Common Core State Standard (CCSS).

Tier: This references the level of cognitive complexity of an item. Tier levels are 1, 2, and 3.

Grade Seven Mathematics Practice Test Items

Item	Key	Category	Connector	Tier
1	**Part A:** A (1 point) **Part B:** B (1 point)	Statistics and Probability	7.DPS.1k1 Analyze graphs to determine or select appropriate comparative inferences about two samples or populations.	1
2	C (1 point)	Ratios and Proportional Relationships	7.NO.2f2 Determine if two quantities are in a proportional relationship using a table of equivalent ratios or points graphed on a coordinate plane.	2
3	C (1 point)	Ratios and Proportional Relationships	7.NO.2f1 Identify the proportional relationship between two quantities (use rules or symbols to show quantitative relationships).	3
4	B (1 point)	Ratios and Proportional Relationships	7.NO.2f2 Determine if two quantities are in a proportional relationship using a table of equivalent ratios or points graphed on a coordinate plane.	1
5	C (1 point)	The Number System	7.NO.2i1 Solve multiplication problems with positive/negative numbers.	2
6	**First box:** The third image, which shows the expression 12 + 12 + 4 + 4 + 3 + 3 **Second box:** 38 (2 points) The student matches the two correct responses. (1 point) The student matches one of the correct responses, but not both.	Geometry	7.GM.1h2 Find the surface area of three-dimensional figures using nets of rectangles or triangles.	2
7	**Part A:** less than (1 point) **Part B:** greater than (1 point)	Ratios and Proportional Relationships	7.PRF.1f1 Use proportional relationships to solve multistep percent problems in real-world situations.	1

Item	Key	Category	Connector	Tier
8	**Part A:** B (1 point) **Part B:** C (1 point)	Geometry	7.ME.2d1 Apply formula to measure area and circumference of circles.	2
9	C (1 point)	Ratios and Proportional Relationships	7.NO.2f1 Identify the proportional relationship between two quantities (use rules or symbols to show quantitative relationships).	2
10	A (1 point)	The Number System	7.NO.2i1 Solve multiplication problems with positive/negative numbers.	3
11	B (1 point)	Expressions and Equations	7.PRF.1g2 Use variables to represent quantities in a real-world or mathematical problem, and construct simple equations and inequalities to solve problems by reasoning about the quantities.	1
12	**Part A:** B (1 point) **Part B:** C (1 point)	Statistics and Probability	7.DPS.1k1 Analyze graphs to determine or select appropriate comparative inferences about two samples or populations.	2
13	B (1 point)	Ratios and Proportional Relationships	7.NO.2f1 Identify the proportional relationship between two quantities (use rules or symbols to show quantitative relationships).	1
14	The second image, which shows the equation 7 + ? = 10 The third image, which shows the equation 10 – ? = 7 (2 points) Both correct responses (1 point) One correct response	Expressions and Equations	7.PRF.1g2 Use variables to represent quantities in a real-world or mathematical problem, and construct simple equations and inequalities to solve problems by reasoning about the quantities.	2

Item	Key	Category	Connector	Tier
15	**First drop-down menu:** 100 (1 point) **Second drop-down menu:** 34 (1 point)	Ratios and Proportional Relationships	7.PRF.1f1 Use proportional relationships to solve multistep percent problems in real-world situations.	2
16	**Part A:** C (1 point) **Part B:** C (1 point)	Expressions and Equations	7.PRF.1g2 Use variables to represent quantities in a real-world or mathematical problem, and construct simple equations and inequalities to solve problems by reasoning about the quantities.	3
17	B (1 point)	The Number System	7.NO.2i1 Solve multiplication problems with positive/negative numbers.	1
18	**Part A:** B (1 point) **Part B:** C (1 point)	Expressions and Equations	7.PRF.1g2 Use variables to represent quantities in a real-world or mathematical problem, and construct simple equations and inequalities to solve problems by reasoning about the quantities.	2
19	**Part A:** C (1 point) **Part B:** B (1 point)	Ratios and Proportional Relationships	7.PRF.1f1 Use proportional relationships to solve multistep percent problems in real-world situations.	2
20	The first image, which shows an arrow pointing to the inside of the yellow circle The fourth image, which shows an arrow pointing to the inside of the red circle (2 points) Both correct responses (1 point) One correct response	Geometry	7.ME.2d1 Apply formula to measure area and circumference of circles.	1
21	A (1 point)	The Number System	7.NO.2i2 Solve division problems with positive/negative numbers.	1

Item	Key	Category	Connector	Tier
22	**Part A:** Comedy (1 point) **Part B:** greater than (1 point)	Statistics and Probability	7.DPS.1k1 Analyze graphs to determine or select appropriate comparative inferences about two samples or populations.	3
23	A (1 point)	Ratios and Proportional Relationships	7.NO.2f6 Solve word problems involving ratios.	1
24	B (1 point)	The Number System	7.NO.2i2 Solve division problems with positive/negative numbers.	3
25	The second image, which shows a net with 2 blue squares and 4 brown rectangles (1 point)	Geometry	7.GM.1h2 Find the surface area of three-dimensional figures using nets of rectangles or triangles.	1