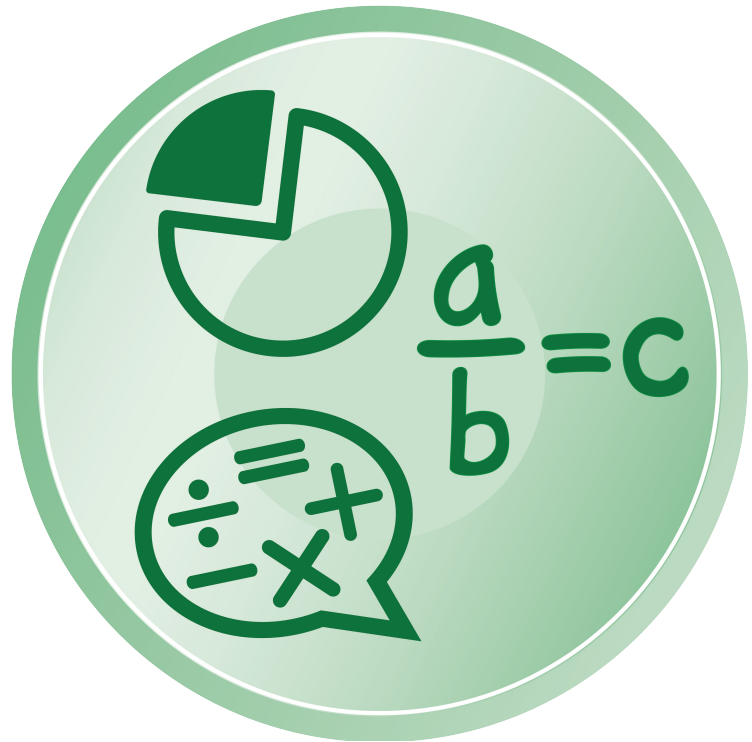


California Alternate Assessment

California Assessment of Student
Performance and Progress



Practice Test Scoring Guide



Mathematics Grade Eleven



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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 eleven. 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 Eleven Mathematics Practice Test Items

Item	Key	Category	Connector	Tier
1	B (1 point)	Functions: Interpreting Functions	H.PRF.2c1 Make predictions based on a given model (for example, a weather model, data for athletes over years).	1
2	B (1 point)	Statistics and Probability: Interpreting Categorical and Quantitative Data	H.DPS.1c1 Use descriptive stats; range, median, mode, mean, outliers/gaps to describe data set.	2
3	A (1 point)	Algebra: Creating Equations	H.PRF.2b2 Solve equations with one or two variables using equations or graphs.	3
4	Part A: C (1 point) Part B: C (1 point)	Functions: Interpreting Functions	H.PRF.2c1 Make predictions based on a given model (for example, a weather model, data for athletes over years).	2
5	First box: White Second box: Pink (2 points) Both correct responses (1 point) One correct response	Statistics and Probability: Interpreting Categorical and Quantitative Data	H.DPS.1b1 Complete a graph given the data, using dot plots, histograms, or box plots.	2
6	Part A: 60 (1 point) Part B: C (1 point)	Number and Quantity: Quantities	H.ME.1a2 Solve real-world problems involving units of measurement.	3
7	First box: The first image, which shows the equation $4 + ? = 8$ Second box: The second image, which shows the equation $4 + ? = 12$ (2 points) Both correct responses (1 point) One correct response	Algebra: Creating Equations	H.PRF.2b1 Translate a real-world problem into a one-variable linear equation.	1



Item	Key	Category	Connector	Tier
8	The part of the triangle that is a corner labeled 90 degrees (1 point)	Geometry: Similarity, Right Triangles, and Trigonometry	H.GM.1b1 Use definitions to demonstrate congruency and similarity in figures.	1
9	Part A: B (1 point) Part B: C (1 point)	Number and Quantity: Quantities	H.ME.1a2 Solve real-world problems involving units of measurement.	2
10	A (1 point)	Statistics and Probability: Interpreting Categorical and Quantitative Data	H.DPS.1c1 Use descriptive stats; range, median, mode, mean, outliers/gaps to describe data set.	1
11	The second image, which shows an array of 4 rows of circles with 4 circles in each row (1 point)	Number and Quantity: The Real Number System	HS.NO.1a1 Simplify expressions that include exponents.	2
12	March: 150 May: 100 (2 points) Both correct responses (1 point) One correct response	Statistics and Probability: Interpreting Categorical and Quantitative Data	H.DPS.1b1 Complete a graph given the data, using dot plots, histograms, or box plots.	3
13	125 (1 point)	Number and Quantity: The Real Number System	HS.NO.1a1 Simplify expressions that include exponents.	3
14	Part A: A (1 point) Part B: 16 (1 point)	Algebra: Creating Equations	H.ME.1b2 Solve a linear equation to find a missing attribute given the area, surface area, or volume and the other attribute.	2
15	60 (1 point)	Functions: Interpreting Functions	H.PRF.1c1 Select the appropriate graphical representation of a linear model based on real-world events.	3



Item	Key	Category	Connector	Tier
16	First box (left): Number of Pets Second box (bottom): Type of Pet (2 points) Both correct responses (1 point) One correct response	Statistics and Probability: Interpreting Categorical and Quantitative Data	H.DPS.1b1 Complete a graph given the data, using dot plots, histograms, or box plots.	1
17	First box: The second image, which shows the number 12 Second box: The first image, which shows the number 5 (2 points) Both correct responses (1 point) One correct response	Algebra: Creating Equations	H.PRF.2b1 Translate a real-world problem into a one-variable linear equation.	3
18	B (1 point)	Geometry: Similarity, Right Triangles, and Trigonometry	H.GM.1b1 Use definitions to demonstrate congruency and similarity in figures.	2
19	Part A: B (1 point) Part B: A (1 point)	Functions: Interpreting Functions	H.PRF.1c1 Select the appropriate graphical representation of a linear model based on real-world events.	3
20	Part A: A (1 point) Part B: A (1 point)	Algebra: Creating Equations	H.ME.1b2 Solve a linear equation to find a missing attribute given the area, surface area, or volume and the other attribute.	1
21	C (1 point)	Number and Quantity: The Real Number System	HS.NO.1a1 Simplify expressions that include exponents.	2
22	12 (1 point)	Statistics and Probability: Interpreting Categorical and Quantitative Data	H.DPS.1c1 Use descriptive stats; range, median, mode, mean, outliers/gaps to describe data set.	3



Item	Key	Category	Connector	Tier
23	A (1 point)	Algebra: Creating Equations	H.PRF.2b2 Solve equations with one or two variables using equations or graphs.	2
24	The topmost box, which is located 6 spaces above the 2 on the x-axis (1 point)	Functions: Interpreting Functions	H.PRF.1c1 Select the appropriate graphical representation of a linear model based on real-world events.	1
25	Part A: B (1 point) Part B: A (1 point)	Number and Quantity: Quantities	H.ME.1a2 Solve real-world problems involving units of measurement.	1