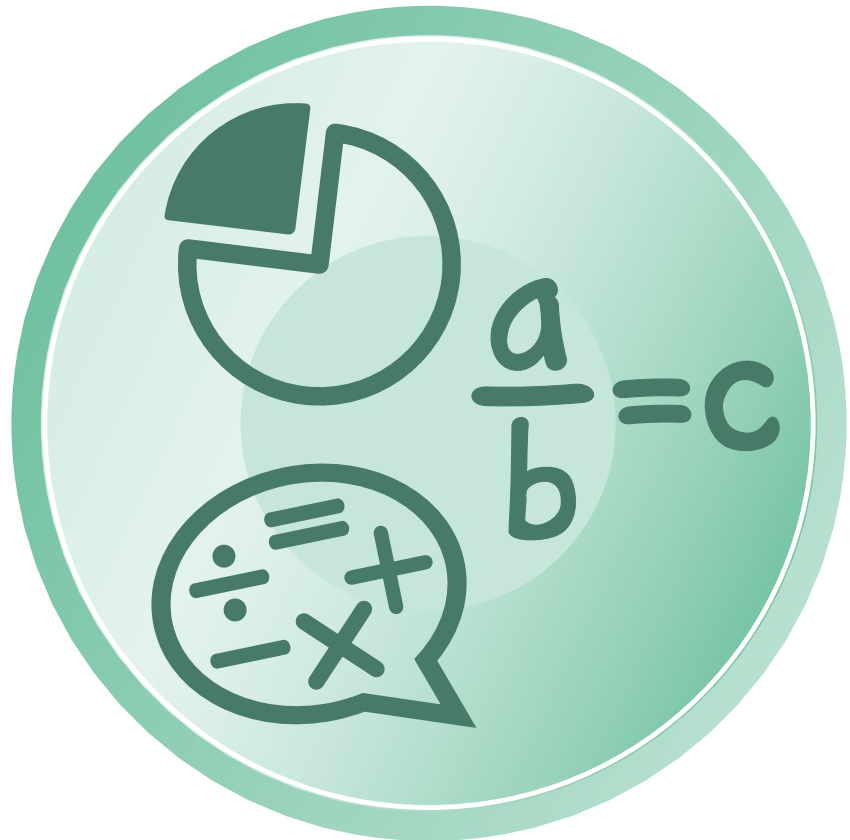


California Assessment of Student
Performance and Progress

California Alternate Assessment Practice Test Scoring Guide



Mathematics Grade Six

California Alternate Assessment Practice Test Scoring Guide: Mathematics—Grade Six

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Introduction to Practice Test Scoring Guide

The California Alternate Assessment (CAA) for Mathematics Practice Test Scoring Guide offers details about the test questions, student response types, correct responses, and related scoring considerations for the included samples of practice items. The Practice Test gives students, parents and families, teachers, administrators, and others an opportunity to become familiar with the types of test questions 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 six. 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 <https://www.caaspp.org/practice-and-training/index.html>.

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 test question 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. For some technology-enhanced items, there is also a picture showing the correct answer(s).

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.

Example of Item Metadata

Item	Key	Category	Connector	Tier
1	The second image, which shows a circle (1 point)	Statistics and Probability	6.DPS.1d3 Select statement that matches mean, mode, and spread of data for 1 measure of central tendency for given data set.	1

Grade Six Math Practice Test Items

Item	Key	Category	Connector	Tier
1	B (1 point)	Ratios and Proportional Relationships	6.NO.1f1 Find a percent of a quantity as rate per 100.	2
2	Part A: 40 (1 point) Part B: \$17.00 (1 point)	Expressions and Equations	6.ME.2a2 Solve one-step real world measurement problems involving unit rates with ratios of whole numbers when given the unit rate (3 inches of snow falls per hour, how much in 6 hours).	3
3	A (1 point)	Ratios and Proportional Relationships	6.NO.1f1 Find a percent of a quantity as rate per 100.	2
4	Part A: C (1 point) Part B: B (1 point)	Expressions and Equations	6.NO.2a6 Solve problems or word problems using up to three digit numbers and any of the four operations.	2
5	C (1 point)	Geometry	6.GM.1d1 Find the area of quadrilaterals.	2
6	B (1 point)	The Number System	6.NO.1d2 Locate positive and negative numbers on a number line.	3
7	B (1 point)	Ratios and Proportional Relationships	6.NO.1f1 Find a percent of a quantity as rate per 100.	1
8	Part A: C (1 point) Part B: A (1 point)	The Number System	6.NO.2c3 Solve one-step, addition, subtraction, multiplication, or division problems with fractions or decimals.	2
9	The second image, which shows a ratio of 1 plate to 2 bananas (1 point)	Ratios and Proportional Relationships	6.PRF.1c1 Describe the ratio relationship between two quantities for a given situation.	1

Grade Six Math Practice Test Items

Item metadata table continuation showing items 10–13

Item	Key	Category	Connector	Tier
10	<p>Part A: 48 (1 point)</p> <p>Part B: \$36 (1 point)</p>	Expressions and Equations	6.ME.2a2 Solve one-step real world measurement problems involving unit rates with ratios of whole numbers when given the unit rate (3 inches of snow falls per hour, how much in 6 hours).	2
11	<p>The second image, which says “throwing away 4 plastic spoons”</p> <p>The third image, which says “diving 12 feet below sea level”</p> <p>(2 points) The student selects the two correct responses.</p> <p>(1 point) The student selects one of the correct responses, but not both.</p>	The Number System	6.NO.1d4 Select the appropriate meaning of a negative number in a real world situation.	3
12	A (1 point)	Ratios and Proportional Relationships	6.PRF.1c1 Describe the ratio relationship between two quantities for a given situation.	2
13	<p>Part A: 12 (1 point)</p> <p>Part B: 4 (1 point)</p>	Expressions and Equations	6.ME.2a2 Solve one-step real world measurement problems involving unit rates with ratios of whole numbers when given the unit rate (3 inches of snow falls per hour, how much in 6 hours).	1

Item metadata table continuation showing items 14–18

Item	Key	Category	Connector	Tier
14	<p>First box: $7 \frac{1}{2}$</p> <p>Second box: $2 \frac{1}{4}$</p> <p>(2 points) The student matches the two correct responses.</p> <p>(1 point) The student matches one of the correct responses, but not both.</p>	The Number System	6.NO.2c3 Solve one-step, addition, subtraction, multiplication, or division problems with fractions or decimals.	3
15	<p>The second image in top row, which says “a 10 degree drop in temperature”</p> <p>The second image in bottom row, which says “losing 2 points in a game”</p> <p>(2 points) The student selects the two correct responses.</p> <p>(1 point) The student selects one of the correct responses, but not both.</p>	The Number System	6.NO.1d4 Select the appropriate meaning of a negative number in a real world situation.	2
16	<p>Part A: B (1 point)</p> <p>Part B: C (1 points)</p>	Ratios and Proportional Relationships	6.PRF.1c1 Describe the ratio relationship between two quantities for a given situation.	2
17	<p>7 (1 point)</p>	Expressions and Equations	6.PRF.1d1 Solve real world single-step linear equations.	2
18	<p>B (1 point)</p>	Statistics and Probability	6.DPS.1d3 Select statement that matches mean, mode, and spread of data for 1 measure of central tendency for given data set.	2

Item metadata table continuation showing items 19–24

Item	Key	Category	Connector	Tier
19	<p>The second image, which says “losing a quarter in a vending machine”</p> <p>The third image, which says “taking \$100 from a bank account”</p> <p>(2 points) The student selects the two correct responses.</p> <p>(1 point) The student selects one of the correct responses, but not both.</p>	The Number System	6.NO.1d4 Select the appropriate meaning of a negative number in a real world situation.	3
20	<p>Part A: B (1 point)</p> <p>Part B: A (1 point)</p>	The Number System	6.NO.2c3 Solve one-step, addition, subtraction, multiplication, or division problems with fractions or decimals.	1
21	<p>A (1 point)</p>	Ratios and Proportional Relationships	6.NO.1f1 Find a percent of a quantity as rate per 100.	1
22	<p>The second image, which shows an array of 5 rows of squares with 3 squares in each row</p> <p>(1 point)</p>	Geometry	6.GM.1d1 Find the area of quadrilaterals.	1
23	<p>Part A: A (1 point)</p> <p>Part B: A (1 point)</p>	Expressions and Equations	6.NO.2a6 Solve problems or word problems using up to three digit numbers and any of the four operations.	1
24	<p>Part A: C (1 point)</p> <p>Part B: A (1 point)</p>	Ratios and Proportional Relationships	6.PRF.1c1 Describe the ratio relationship between two quantities for a given situation.	3

Item metadata table continuation showing item 25

Item	Key	Category	Connector	Tier
25	The second image, which shows a circle (1 point)	Statistics and Probability	6.DPS.1d3 Select statement that matches mean, mode, and spread of data for 1 measure of central tendency for given data set.	1