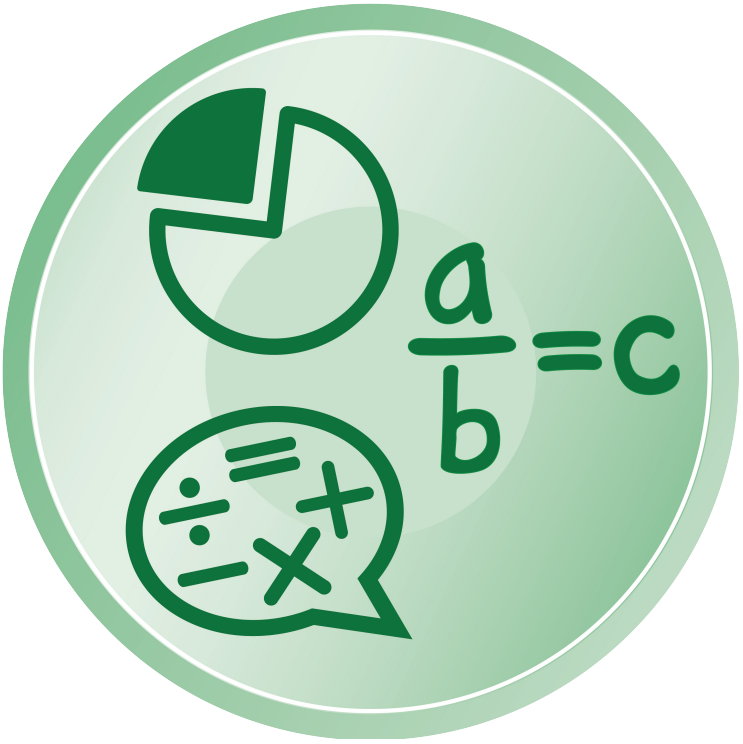
California Alternate Assessment

California Assessment of Student Performance and Progress

Practice Test Scoring Guide



Mathematics Grade Four

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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 four. 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 Four Mathematics Practice Test Items

Item	Key	Category	Connector	Tier
1	The second image, which shows 2 rows with 5 baseballs in each row (1 point)	Operations and Algebraic Thinking	4.NO.2d7 Determine how many objects go into each group when given the total number of objects and groups where the number in each group or number of groups is not > 10.	1
2	Saturday: 7 Sunday: 6 (2 points) Both correct responses (1 point) One correct response	Measurement and Data	4.DPS.1g3 Collect data, organize in graph (e.g. picture graph, line plot, bar graph).	2
3	The second image, which shows a rectangle (1 point)	Geometry	4GM.1h2 Classify two-dimensional shapes based on attributes (# of angles).	2
4	**Part A:** C (1 point) **Part B:** A (1 point)	Operations and Algebraic Thinking	4.NO.2e2 Solve or solve and check one or two step word problems requiring addition, subtraction, or multiplication with answers up to 100.	3
5	A (1 point)	Number and Operations in Base Ten	4.NO.1j5 Use place value to round to any place (i.e., ones, tens, hundreds, thousands).	3
6	**In the box:** The third image (>) which is the "greater than" symbol (1 point)	Number and Operations—Fractions	4.SE.1g2 Use =, <, or > to compare 2 fractions (fractions with a denominator of 10 or less).	2
7	**Part A:** C (1 point) **Part B:** C (1 point)	Measurement and Data	4.ME.1g2 Solve word problems using perimeter and area where changes occur to the dimensions of a rectilinear figure.	2

Item	Key	Category	Connector	Tier
8	Crayons: 6 Markers: 8 (2 points) Both correct responses (1 point) One correct response	Measurement and Data	4.DPS.1g3 Collect data, organize in graph (e.g. picture graph, line plot, bar graph).	3
9	The third image, which shows a square labeled ¾, that is split into 4 equal parts, with 3 parts shaded (1 point)	Number and Operations—Fractions	4.NO.1n2 Compare up to 2 given fractions that have different denominators.	2
10	Second and third options (2 points) Both correct responses (1 point) One correct response	Operations and Algebraic Thinking	4.NO.2e2 Solve or solve and check one or two step word problems requiring addition, subtraction, or multiplication with answers up to 100.	1
11	C (1 point)	Operations and Algebraic Thinking	4.PRF.1e3 Solve multiplicative comparisons with an unknown using up to 2-digit numbers with information presented in a graph or word problem (e.g., an orange hat cost $3. A purple hat cost 2 times as much. How much does the purple hat cost? [3 × 2 = p]).	3
12	**Part A:** B (1 point) **Part B:** The second image, which shows a circle split into 8 equal parts, with 8 parts shaded (1 point)	Number and Operations—Fractions	4.NO.1n2 Compare up to 2 given fractions that have different denominators.	1
13	A (1 point)	Operations and Algebraic Thinking	4.NO.2d7 Determine how many objects go into each group when given the total number of objects and groups where the number in each group or number of groups is not > 10.	2

Item	Key	Category	Connector	Tier
14	**First box "Aquarium":** The third image which shows 7 data points **Second box "Park":** The second image which shows 4 data points (2 points) Both correct responses (1 point) One correct response	Measurement and Data	4.DPS.1g3 Collect data, organize in graph (e.g. picture graph, line plot, bar graph).	3
15	B (1 point)	Operations and Algebraic Thinking	4.PRF.1e3 Solve multiplicative comparisons with an unknown using up to 2-digit numbers with information presented in a graph or word problem (e.g., an orange hat cost $3. A purple hat cost 2 times as much. How much does the purple hat cost?[3 × 2 = p]).	1
16	A (1 point)	Number and Operations in Base Ten	4.NO.1j5 Use place value to round to any place (i.e., ones, tens, hundreds, thousands).	2
17	The first image, which shows 2 rectangles of the same size. The first rectangle, labeled ⅙, is split into 6 equal parts, with 4 parts shaded. The second rectangle, labeled ⅔, is split into 3 equal parts, with 2 parts shaded. (1 point)	Number and Operations—Fractions	4.SE.1g2 Use =, <, or > to compare 2 fractions (fractions with a denominator of 10 or less).	1
18	**Part A:** A (1 point) **Part B:** B (1 point)	Measurement and Data	4.ME.1g2 Solve word problems using perimeter and area where changes occur to the dimensions of a rectilinear figure.	3

Item	Key	Category	Connector	Tier
19	A (1 point)	Number and Operations in Base Ten	4.NO.1j5 Use place value to round to any place (i.e., ones, tens, hundreds, thousands).	1
20	**Part A:** The first image, which shows a basketball (1 Point) **Part B:** The first image, which shows 3 students (1 Point)	Measurement and Data	4.DPS.1g3 Collect data, organize in graph (e.g. picture graph, line plot, bar graph).	1
21	**Part A:** C (1 point) **Part B:** B (1 point)	Operations and Algebraic Thinking	4.NO.2e2 Solve or solve and check one or two step word problems requiring addition, subtraction, or multiplication with answers up to 100.	2
22	C (1 point)	Geometry	4GM.1h2 Classify two-dimensional shapes based on attributes (# of angles).	3
23	**First box:** 3 **Second box:** 6 (2 points) Both correct responses (1 point) One correct response	Number and Operations—Fractions	4.NO.1m1 Determine equivalent fractions.	2
24	C (1 point)	Operations and Algebraic Thinking	4.PRF.1e3 Solve multiplicative comparisons with an unknown using up to 2-digit numbers with information presented in a graph or word problem (e.g., an orange hat cost $3. A purple hat cost 2 times as much. How much does the purple hat cost? [3 × 2 = p]).	2
25	The second image, which shows the number 3 (1 point)	Geometry	4GM.1h2 Classify two-dimensional shapes based on attributes (# of angles).	1