



**CALIFORNIA ASSESSMENT OF STUDENT
PERFORMANCE AND PROGRESS**

California Alternate Assessment

**Practice Items
Scoring Guide:
Mathematics—
Grade Three**



California Assessment of
Student Performance and Progress

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California Alternate Assessment Practice Items Scoring Guide: Mathematics—Grade Three

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Introduction to Practice Test Scoring Guide

The California Alternate Assessment Mathematics Practice Test Scoring Guides provide details about the items, student response types, correct responses, and related scoring considerations for the California Alternate Assessment Practice Test items. The items selected for the Practice Test are designed to reflect

- a broad coverage of claims and targets that closely mirror the summative blueprint.
- a range of student response types.
- a breadth of difficulty levels across the items, ranging from easier to more difficult items.

It is important to note that all student response types are not fully represented on every practice test, but a distribution can be observed across all the practice tests. The items presented are reflective of refinements and adjustments to language based on pilot test results and expert recommendations from both content and accessibility perspectives.

Within this guide, each item is presented with the following information:

- **Grade:** Grade level for the item
- **Category:** a broad content area that contains related targets and standards (i.e., Writing)
- **Core Content Connector (Connector):** Alternative achievement standard linked to a Common Core State Standard (CCSS)
- **Tier:** Level that identifies the complexity of an item. Tier levels are 1, 2, and 3.
- **Static presentation of the item:** static presentation of item from test administration system
- **Static presentation of student response field(s):** static presentation of response field from test administration system
- **Answer key or exemplar:** expected student response or example response from score point value
- **Rubric and applicable score points for each item:** score point representations for student responses

The following items are representative of the kinds of items that students can expect to experience when taking California Alternate Mathematics Assessment.

Grade Three Practice Test Items

Item	Grade	Category	Connector	Tier
1	3	Measurement & Data	3.DPS.1g1 Collect data, organize into picture or bar graph.	1

Look at this table.

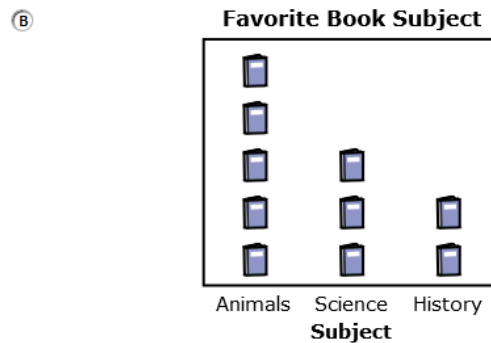
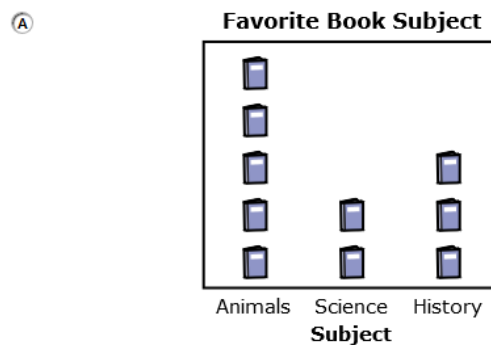
Favorite Book Subject

Subject	Number of Votes
Animals	5
Science	3
History	2

Subject	Number of Votes
Animals	5
Science	3
History	2

Part A

Which graph matches the table?



Part B

Which subject was chosen the most?

- (A) Animals
- (B) Science

Key: B, A

Rubric:

(2 points) The student selects the two correct responses.

(1 point) The student selects one of the correct responses, but not both.

Item	Grade	Category	Connector	Tier
2	3	Geometry	3.GM.1i1 Partition rectangles into equal parts with equal area.	2

Which rectangle is divided into equal parts?



Key: See exemplar.

Exemplar:



Rubric: (1 point) The student selects the correct response.

Grade Three Practice Test Items

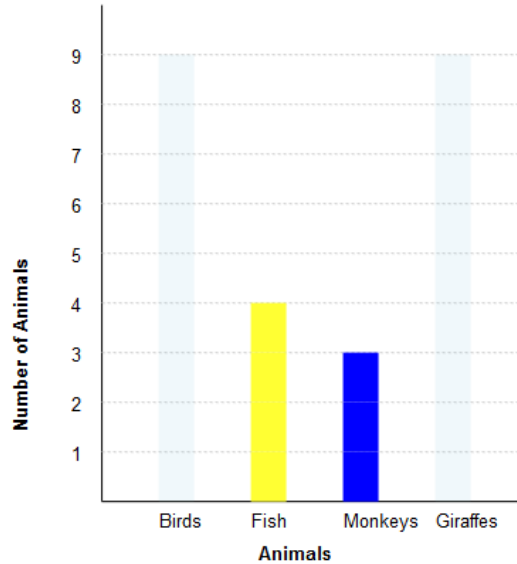
Item	Grade	Category	Connector	Tier
3	3	Measurement & Data	3.DPS.1g1 Collect data, organize into picture or bar graph.	3

Look at this table.

Favorite Zoo Animals

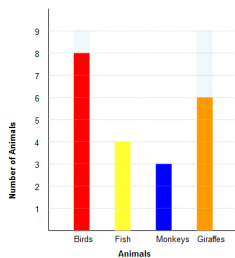
Animals	Number of Animals
Birds	8
Fish	4
Monkeys	3
Giraffes	6

Use the information from the table to complete the graph.



Key: 8, 6

Exemplar:



Rubric:

(2 points) The student selects the two correct responses.

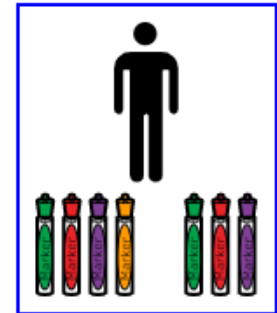
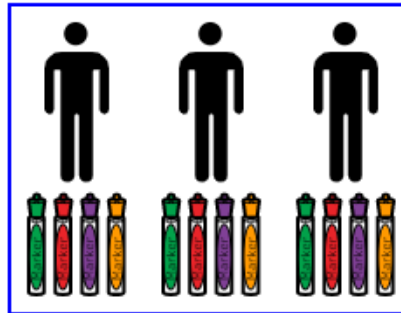
(1 point) The student selects one of the correct responses, but not both.

Item	Grade	Category	Connector	Tier
4	3	Operations & Algebraic Thinking	3.NO.2e1 Solve or solve and check one or two-step word problems requiring addition, subtraction or multiplication with answers up to 100.	1

There are 3 students. A teacher gave each student 4 markers.

Part A

Which picture shows how many markers the teacher gave the students?



Part B

What is another way to show how many markers the teacher gave the students?

- (A) $4 + 3$
- (B) $4 + 4 + 4$

Key: 1, B

Rubric:

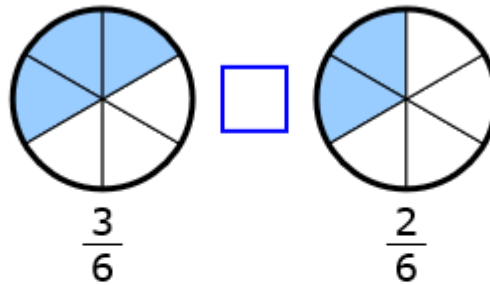
(2 points) The student selects the two correct responses.

(1 point) The student selects one of the correct responses, but not both.

Grade Three Practice Test Items

Item	Grade	Category	Connector	Tier
5	3	Number & Operations—Fractions	3.SE.1g1 Use =, <, or > to compare two fractions with the same numerator or denominator.	2

Choose the symbol that makes the sentence correct.



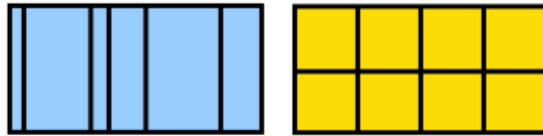
- Ⓐ <
- Ⓑ =
- Ⓒ >

Key: C

Rubric: (1 point) The student selects the correct response.

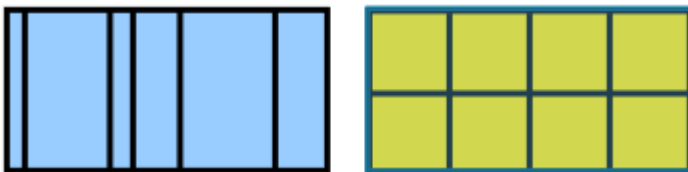
Item	Grade	Category	Connector	Tier
6	3	Geometry	3.GM.1i1 Partition rectangles into equal parts with equal area.	1

Which rectangle is divided into equal parts? Choose the correct rectangle.



Key: See exemplar.

Exemplar:



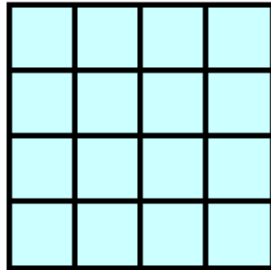
Rubric: (1 point) The student selects the correct response.

Grade Three Practice Test Items

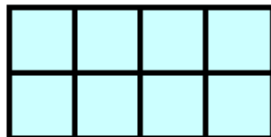
Item	Grade	Category	Connector	Tier
7	3	Measurement & Data	3.ME.1d2 Measure area of rectangular figures by counting squares.	2

Which rectangle has an area of 16 square units?

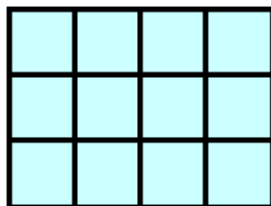
(A)



(B)



(C)

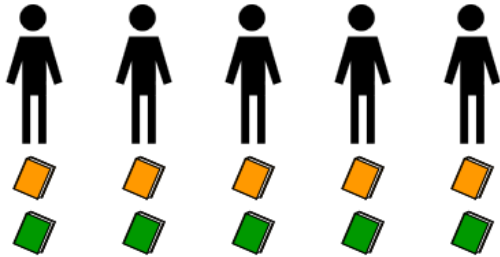


Key: A

Rubric: (1 point) The student selects the correct response.

Item	Grade	Category	Connector	Tier
8	3	Operations & Algebraic Thinking	3.NO.2e1 Solve or solve and check one or two-step word problems requiring addition, subtraction or multiplication with answers up to 100.	2

A group of 5 students each chose 2 books.



Part A

How many books were chosen altogether?

- (A) 5
- (B) 7
- (C) 10

Part B

The students have 20 minutes to choose books and 10 minutes for story time. How much time is that altogether?

- (A) 30 minutes
- (B) 35 minutes
- (C) 40 minutes

Key: C, A

Rubric:

(2 points) The student selects the two correct responses.

(1 point) The student selects one of the correct responses, but not both.

Grade Three Practice Test Items

Item	Grade	Category	Connector	Tier
9	3	Operations & Algebraic Thinking	3.NO.2d3 Solve multiplication problems with neither number greater than 5.	3

What is 5×3 ?

- Ⓐ 8
- Ⓑ 10
- Ⓒ 15

Key: C

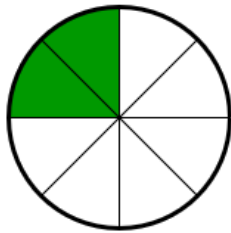
Rubric: (1 point) The student selects the correct response.

Item	Grade	Category	Connector	Tier
10	3	Number & Operations—Fractions	3.NO.113 Identify the fraction that matches the representation (rectangles and circles; halves, fourths, and thirds, eighths).	1

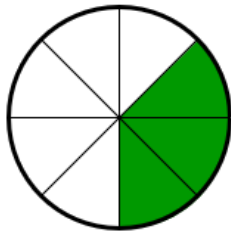
Part A

Which circle shows 2 parts shaded?

Ⓐ

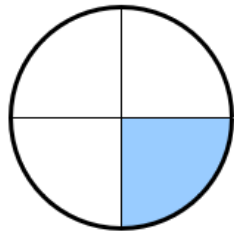


Ⓑ



Part B

How many parts are shaded in this circle?



Ⓐ 1

Ⓑ 3

Key: A, A

Rubric:

(2 points) The student selects the two correct responses.

(1 point) The student selects one of the correct responses, but not both.

Grade Three Practice Test Items

Item	Grade	Category	Connector	Tier
11	3	Number & Operations—Fractions	3.SE.1g1 Use =, <, or > to compare two fractions with the same numerator or denominator.	3

Which number sentence is true?

Ⓐ $\frac{3}{6} < \frac{4}{6}$

Ⓑ $\frac{3}{6} = \frac{4}{6}$

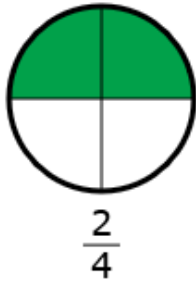
Ⓒ $\frac{3}{6} > \frac{4}{6}$

Key: A

Rubric: (1 point) The student selects the correct response.

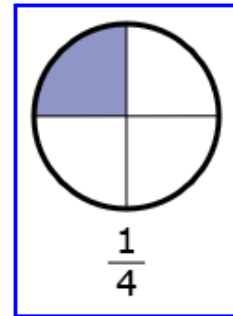
Item	Grade	Category	Connector	Tier
12	3	Number & Operations—Fractions	3.SE.1g1 Use =, <, or > to compare two fractions with the same numerator or denominator.	1

This circle is shaded $\frac{2}{4}$.

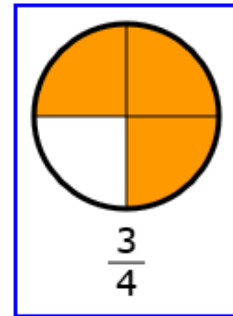


Which circle is shaded more than $\frac{2}{4}$?

(A)



(B)



Key: B

Rubric: (1 point) The student selects the correct response.

Grade Three Practice Test Items

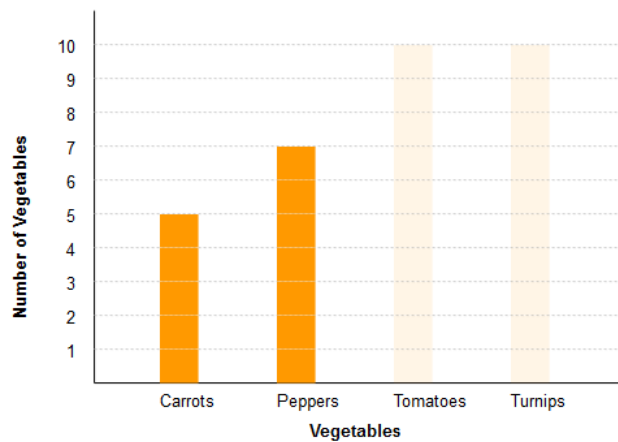
Item	Grade	Category	Connector	Tier
13	3	Measurement & Data	3.DPS.1g1 Collect data, organize into picture or bar graph.	3

Look at this list.

Carrots – 5
Peppers – 7
Tomatoes – 10
Turnips – 2

Use the information from the list to complete the graph.

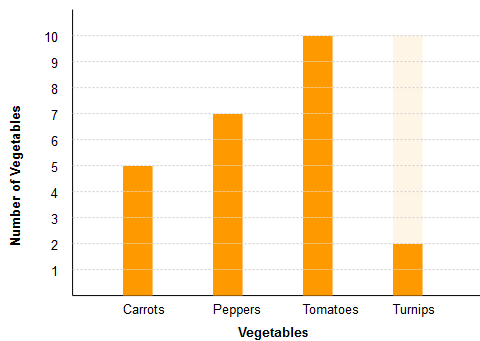
Vegetables in the Classroom Garden



Key: 10, 2

Exemplar:

Vegetables in the Classroom Garden



Rubric:

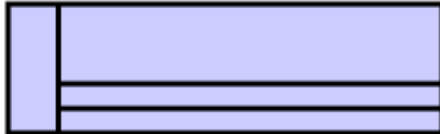
(2 points) The student selects the two correct responses.

(1 point) The student selects one of the correct responses, but not both.

Item	Grade	Category	Connector	Tier
14	3	Geometry	3.GM.1i1 Partition rectangles into equal parts with equal area.	3

Which rectangle is divided into 4 equal parts?

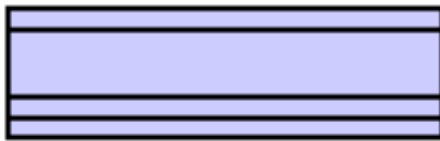
(A)



(B)



(C)



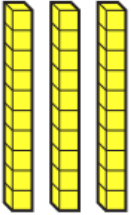
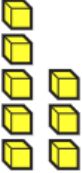
Key: B

Rubric: (1 point) The student selects the correct response.

Grade Three Practice Test Items

Item	Grade	Category	Connector	Tier
15	3	Number & Operations in Base Ten	3.NO.1j3 Use place value to round to the nearest 10 or 100.	2

Look at the place value chart.

Hundreds	Tens	Ones
		

What is 38 rounded to the nearest ten?

- (A) 10
- (B) 30
- (C) 40

Key: C

Rubric: (1 point) The student selects the correct response.no

Item	Grade	Category	Connector	Tier
16	3	Operations & Algebraic Thinking	3.NO.2d3 Solve multiplication problems with neither number greater than 5.	3

What is 5×5 ?

- (A) 10
- (B) 15
- (C) 25



Key: C

Rubric: (1 point) The student selects the correct response.

Grade Three Practice Test Items

Item	Grade	Category	Connector	Tier
17	3	Operations & Algebraic Thinking	3.PRF.2d1 Identify multiplication patterns in a real world setting.	1

Which picture shows a pattern?

- (A) 
- (B) 

Key: A

Rubric: (1 point) The student selects the correct response.

Item	Grade	Category	Connector	Tier
18	3	Number & Operations—Fractions	3.NO.113 Identify the fraction that matches the representation (rectangles and circles; halves, fourths, and thirds, eighths).	1

Look at the square.



Part A

How many equal parts is the square divided into?

- (A) 4
- (B) 5

Part B

How many parts of the square are shaded?

- (A) 2
- (B) 3

Key: A, A

Rubric:

(2 points) The student selects the two correct responses.

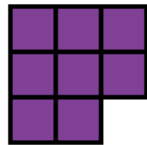
(1 point) The student selects one of the correct responses, but not both.

Grade Three Practice Test Items

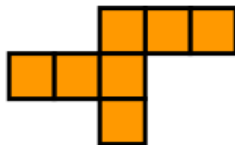
Item	Grade	Category	Connector	Tier
19	3	Measurement & Data	3.ME.1d2 Measure area of rectangular figures by counting squares.	3

Which figure has an area of 5 square units?

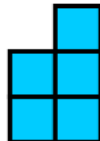
(A)



(B)



(C)



Key: C

Rubric: (1 point) The student selects the correct response.

Item	Grade	Category	Connector	Tier
20	3	Operations & Algebraic Thinking	3.PRF.2d1 Identify multiplication patterns in a real world setting.	2

Look at the table.

Starting Number	Ending Number
1	6
2	12
3	18
4	24

What rule does the pattern follow?

- Ⓐ add 5
- Ⓑ add 6
- Ⓒ multiply by 6

Key: C

Rubric: (1 point) The student selects the correct response.

Grade Three Practice Test Items

Item	Grade	Category	Connector	Tier
21	3	Number & Operations— Fractions	3.NO.113 Identify the fraction that matches the representation (rectangles and circles; halves, fourths, and thirds, eighths).	3

Part A

Which fraction matches the picture?



- (A) $\frac{2}{8}$
- (B) $\frac{3}{8}$
- (C) $\frac{5}{8}$

Part B

Which fraction matches the picture?



- (A) $\frac{1}{3}$
- (B) $\frac{2}{3}$
- (C) $\frac{3}{3}$

Key: B, A

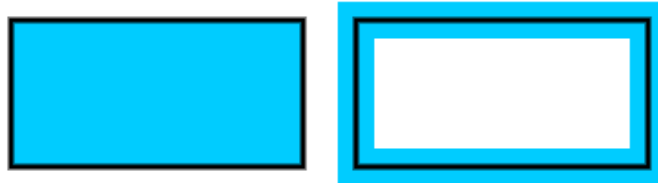
Rubric:

(2 points) The student selects the two correct responses.

(1 point) The student selects one of the correct responses, but not both.

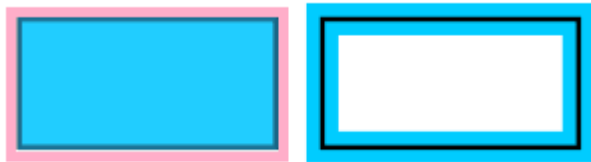
Item	Grade	Category	Connector	Tier
22	3	Measurement & Data	3.ME.1d2 Measure area of rectangular figures by counting squares.	1

Which rectangle has the area shaded?



Key: See exemplar.

Exemplar:



Rubric: (1 point) The student selects the correct response.

Grade Three Practice Test Items

Item	Grade	Category	Connector	Tier
23	3	Number & Operations—Fractions	3.NO.1I3 Identify the fraction that matches the representation (rectangles and circles; halves, fourths, and thirds, eighths).	3

Look at this figure.



Part A

What fraction of the figure is shaded?

$\frac{2}{6}$
 $\frac{2}{4}$
 $\frac{4}{6}$

Part B

What fraction of the figure is white?

$\frac{2}{6}$
 $\frac{2}{4}$
 $\frac{4}{6}$

Key: See exemplar.

Exemplar:

$\frac{2}{6}$
 $\frac{2}{4}$
 $\frac{4}{6}$

$\frac{2}{6}$
 $\frac{2}{4}$
 $\frac{4}{6}$

Rubric:

(2 points) The student selects the two correct responses.

(1 point) The student selects one of the correct responses, but not both.

Item	Grade	Category	Connector	Tier
24	3	Operations & Algebraic Thinking	3.PRF.2d1 Identify multiplication patterns in a real world setting.	2

The table below shows numbers of packages and numbers of toothbrushes.

Number of Packages	Total Number of Toothbrushes
1	5
2	10
3	15
4	
5	25

What is the total number of toothbrushes in 4 packages?

toothbrushes

Key: 20

Rubric: (1 point) The student enters the correct response.

Grade Three Practice Test Items

Item	Grade	Category	Connector	Tier
25	3	Number & Operations in Base Ten	3.NO.2c1 Solve multi-step addition and subtraction problems up to 100.	1

Jane has 6 crayons. Mike has 3 crayons.



Part A

How many crayons do Jane and Mike have altogether?

3 9

Part B

Mike has 3 crayons.



If Mike gets 2 more crayons, how many will he have?

5 6

Key: See exemplar.

Exemplar:

3 9

5 6

Rubric:

(2 points) The student selects the two correct responses.

(1 point) The student selects one of the correct responses, but not both.