

# 8

# California

# CAASPP

# GRADE 4

# PRACTICE TESTS



1

$$2 \times 3 = 6$$

3

5

$$2 \times 3 = 6$$

2

4



**Standards-Aligned Review with  
Mixed Practice and Answer Key**

**COMPREHENSIVE  
TEST PREP**

Includes Solutions

# 8 California CAASPP Grade 4 Math Practice Tests

*Standards-Aligned Review with Mixed Practice and Answer Key*



Eight complete 30-question Grade 4 practice rounds for CAASPP, built around coast roads, redwood shade, and bright classroom energy, with answer keys and clear explanations for every item.

**Jay Daie and Reza Nazari**



# Copyright ©

## Testinar Inc



Published by Testinar Inc

[Testinar.com](http://Testinar.com)

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the author, except in the case of brief quotations embodied in critical reviews and certain other noncommercial uses permitted by copyright law, including Section 107 or 108 of the 1976 United States Copyright Act.

This publication is independently produced and has no official connection to any state, district, or national testing program.

Test names and organizational names used herein are the property of their respective trademark holders.



*Copyright ©*

# Welcome, California Math Explorer!

Eight steady rounds on the Golden State math route

This book gives you eight full Grade 4 practice tests for CAASPP. Each round uses coast roads, redwood shade, and bright classroom energy to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

## California Practice Promise

I will slow down for the question, circle what matters, solve one step at a time, and use mistakes as clues for getting stronger.

Read

Plan

Check

## How to Use This Book

A ten-session routine for California CAASPP review

1. **Preview the skills.** Read the quick review pages before the first test.
2. **Take one test at a time.** Treat each round like a stop on the Golden State math route.
3. **Mark your confidence.** Put a small star beside problems you solved with a strong plan.
4. **Check, then retry.** For missed questions, try the problem again before reading the explanation.
5. **Track your next move.** Use the growth log to name one habit and one skill for the next test.

**Good rhythm:** Test one day, correct carefully the next day, then return for the next round when your corrections feel clear.



## What Is Inside?

Eight tests, 240 questions, and a full CAASPP review path

Part	What You Will Practice
Tests 1–3	Warm-up rounds for reading carefully, choosing operations, and using models.
Tests 4–6	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 6–8	Stamina rounds for mixed review, neat work, and flexible strategies.
Answer Pages	Compact keys and explanations that show why each answer works.

The tests are mixed on purpose. Real test readiness means recognizing the skill even when the next question changes topic.



Scan me!  
For more practice  
& answers

# Table of Contents

★ Practice Test 1	_____	14
★ Practice Test 2	_____	25
★ Practice Test 3	_____	36
★ Practice Test 4	_____	47
★ Practice Test 5	_____	58
★ Practice Test 6	_____	70
★ Practice Test 7	_____	81
★ Practice Test 8	_____	93
<b>Practice Test Answer Keys</b>	_____	<b>104</b>
<b>Practice Test Answers and Explanations</b>	_____	<b>105</b>

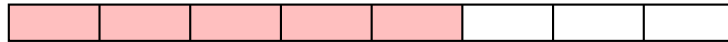
- 1) A bicycle wheel spins  $\frac{5}{6}$  of a full rotation. How many degrees is this?
- A.  $240^\circ$                        C.  $300^\circ$   
 B.  $270^\circ$                        D.  $330^\circ$
- 2) A recipe requires  $1\frac{1}{3}$  cups of milk. The baker already has  $\frac{2}{3}$  cup. How much more milk is needed?
- A.  $\frac{2}{3}$                                C.  $1\frac{1}{3}$   
 B.  $\frac{1}{3}$                                D.  $2\frac{1}{3}$
- 3) Noah ate  $\frac{5}{8}$  of a pizza. Which sentence shows one way to decompose what he ate?
- A. He ate  $\frac{2}{8}$  and  $\frac{3}{8}$ .                       C. He ate  $\frac{2}{8}$  and  $\frac{4}{8}$ .  
 B. He ate  $\frac{1}{8}$  and  $\frac{3}{8}$ .                       D. He ate  $\frac{3}{8}$  and  $\frac{3}{8}$ .
- 4) A class recorded toy block heights in fourths of an inch:  $\frac{1}{4}$ ,  $\frac{2}{4}$ ,  $\frac{3}{4}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$ ,  $\frac{1}{4}$ . When plotted, what is the mode (most common measurement)?
- A.  $\frac{1}{4}$  in                               C.  $\frac{3}{4}$  in  
 B.  $\frac{2}{4}$  in                               D. 1 in
- 5) In the number 3,334, the digit 3 appears in three places. What is the sum of the values of all three 3's?
- A. 333                               C. 3,330  
 B. 3,300                               D. 3,333



6) How many sides does an angle have?



7) Kai has  $\frac{5}{8}$  of a chocolate bar. She gives  $\frac{2}{8}$  to her friend. How much does she have left?



Kai has  $\frac{5}{8}$   
 $\frac{5}{8} - \frac{2}{8} = ?$

Gives  $\frac{2}{8}$  away

- A.  $\frac{1}{8}$
- B.  $\frac{3}{8}$

- C.  $\frac{7}{8}$
- D.  $\frac{12}{8}$

8)



A box has 36 crayons. That is 6 times as many crayons as a smaller box has. How many crayons are in the smaller box?

- A. 42
- B. 12

- C. 30
- D. 6

9) Estimate by rounding to the nearest thousand:  $26,345 - 8,912 = ?$

- A. About 18,000
- B. About 20,000

- C. About 19,000
- D. About 17,000



Scan me!  
 For more practice  
 & answers

10) Triple  $\frac{3}{4}$ .

11) Round 44,556 to the nearest ten thousand.

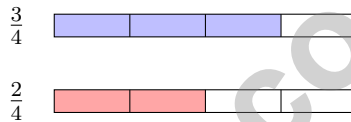
A. 44,000

C. 45,000

B. 50,000

D. 40,000

12) Look at the fraction bars below. Which comparison is correct?



A.  $\frac{3}{4} < \frac{2}{4}$

C.  $\frac{3}{4} = \frac{2}{4}$

B.  $\frac{2}{4} > \frac{3}{4}$

D.  $\frac{3}{4} > \frac{2}{4}$

13) At the farmers market, Noah's apple weighs 0.22 kg and Lin's apple weighs 0.27 kg. Whose apple is heavier?

A. Noah's apple (0.22 kg)

D. Cannot tell without more information

B. Lin's apple (0.27 kg)

C. Both apples weigh the same

14) Select the TWO prime numbers.

A. 31

B. 33

C. 35

D. 37

E. 39



1) Subtract:  $45,000 - 18,234 = ?$

- A. 26,766                       C. 26,776  
 B. 27,766                       D. 28,766

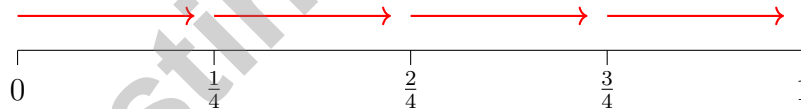
2) Noah wants to carpet his bedroom floor. The room is a rectangle that is 14 feet long and 10 feet wide. How many square feet of carpet does he need?

- A. 24 sq ft                       C. 140 sq ft  
 B. 48 sq ft                       D. 280 sq ft

3) A rectangle's width is 7 feet. Its length is 2 times as long as its width. What is the length?

- A. 5 feet                       C. 3.5 feet  
 B. 9 feet                       D. 14 feet

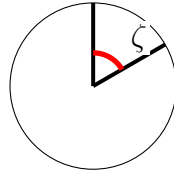
4) A number line shows equal jumps. Use it to find how many  $\frac{1}{4}$  are in  $\frac{4}{4}$ .



- A. 1                       C. 3  
 B. 2                       D. 4



Scan me!  
For more practice  
& answers



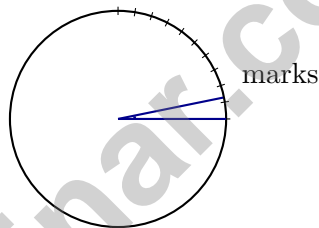
5)

What is the measure of angle  $\zeta$ ?

- A.  $30^\circ$ 
 C.  $60^\circ$   
 B.  $45^\circ$ 
 D.  $75^\circ$

6) What is  $7\frac{2}{3} - 4\frac{1}{3}$ ?

- A.  $3\frac{1}{3}$ 
 C.  $3\frac{3}{3}$   
 B.  $3\frac{2}{3}$ 
 D.  $4\frac{1}{3}$

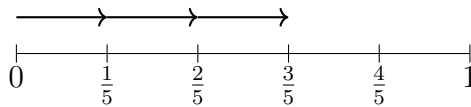


7)

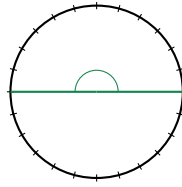
This angle reaches the first  $9^\circ$  mark. How many one-degree angles make this angle?

- A. 9 one-degree angles
  C. 18 one-degree angles  
 B.  $4.5^\circ$ 
 D.  $1^\circ$

8) Use the number line to find  $3 \times \frac{1}{5}$ .



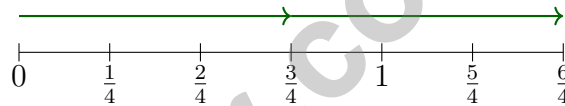
- A.  $\frac{3}{5}$ 
 C.  $\frac{1}{5}$   
 B.  $\frac{1}{15}$ 
 D.  $\frac{5}{3}$



1)

A straight angle is shown with degree tick marks. How many one-degree angles form a straight angle?

- A. 90 one-degree angles                       C. 270 one-degree angles  
 B. 180 one-degree angles                       D. 360 one-degree angles

2) Use the number line to find  $2 \times \frac{3}{4}$ .

- A.  $\frac{5}{4}$      C.  $\frac{3}{4}$   
 B.  $\frac{6}{4}$  or  $1\frac{1}{2}$                                        D.  $\frac{8}{4}$  or 2

3) Which statement matches the equation  $12 = 3 \times 4$ ?

- A. 12 is 4 more than 3                                       C. 12 plus 3 equals 4  
 B. 12 is 3 less than 4                                       D. 12 is 3 times as many as 4

4) A class project uses  $\frac{7}{8}$  of a sheet of poster board. A second project uses  $\frac{3}{8}$  of a sheet. How much poster board is used for both projects?

- A.  $\frac{10}{8}$      C.  $\frac{4}{16}$   
 B.  $\frac{4}{8}$      D.  $\frac{10}{16}$



Scan me!  
For more practice  
& answers

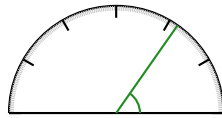
5) Mia bought 2,310 beads to share equally among herself and 4 friends (5 people total). How many beads does each person get?

A. 462

C. 450

B. 448

D. 458



6)

Diego measures an angle and finds it to be between 45 and 60 degrees. Which is a reasonable degree measure?

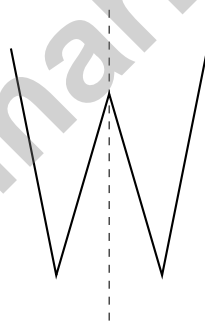
A. 53 degrees

C. 62 degrees

B. 40 degrees

D. 70 degrees

7) How many lines of symmetry does the letter *W* shown below have?



A. 0 lines

C. 2 lines

B. 1 line

D. 3 lines



## Practice Test Answer Keys

**How to use this section with a Grade 4 student:**

1. check the answer first
2. mark questions to try again
3. rework the problem before reading the full explanation

**A calm correction routine turns every missed item into useful practice.**

Testinar.com



## Practice Test Answers and Explanations

### Practice Test 1 Answers and Explanations

- Choice C is correct.** (4.MD.5) Five-sixths of the circle is  $\frac{5}{6} \times 360^\circ = 300^\circ$ .
- Choice A is correct.** (4.NF.3) The baker needs more milk than what's on hand. Convert the mixed number:  $1\frac{1}{3} = \frac{4}{3}$ . Then subtract:  $\frac{4}{3} - \frac{2}{3} = \frac{2}{3}$  cups of milk needed.
- Choice A is correct.** (4.NF.3) Noah ate a total of  $\frac{5}{8}$ . Option A splits it into  $\frac{2}{8}$  and  $\frac{3}{8}$ :  $2 + 3 = 5 \checkmark$ .
- Choice A is correct.** (4.MD.4) Count the heights:  $\frac{1}{4}$  in appears 3 times (the mode!),  $\frac{2}{4}$  in appears 2 times, and  $\frac{3}{4}$  in appears 1 time. So  $\frac{1}{4}$  in is most common.
- Choice C is correct.** (4.NBT.1) Step 1: Find each 3's place—thousands, hundreds, and tens. Step 2: Calculate values:  $3,000 + 300 + 30 = 3,330$ .  $\checkmark$
- The correct answer is 2.** (4.MD.5) An angle is formed by 2 rays.
- Choice B is correct.** (4.NF.3) Kai has  $\frac{5}{8}$  shown in the pink bar. She gives away  $\frac{2}{8}$ . Subtract:  $5 - 2 = 3$  eighths remain. Answer:  $\frac{3}{8}$ .
- Choice D is correct.** (4.OA.2) We know the bigger box has 36 crayons, and that's 6 times the smaller box. To find the smaller, divide:  $36 \div 6 = 6$  crayons.
- Choice D is correct.** (4.NBT.4) Round each number to the nearest thousand:  $26,345 \approx 26,000$  and  $8,912 \approx 9,000$ . Subtract:  $26,000 - 9,000 = 17,000$ .
- The correct answer is  $2\frac{1}{4}$ .** (4.NF.4) Triple means multiply by 3. We take 3 copies of  $\frac{3}{4}$ :  $3 \times \frac{3}{4} = \frac{9}{4} = 2\frac{1}{4}$ . The answer is  $2\frac{1}{4}$ .
- Choice D is correct.** (4.NBT.3) We're rounding to the nearest ten thousand. Look at the thousands digit: 4. Since  $4 < 5$ , we round DOWN to **40,000**.  $\checkmark$
- Choice D is correct.** (4.NF.1) The bars show us! The blue bar for  $\frac{3}{4}$  is longer than the coral bar for  $\frac{2}{4}$ . Bigger shaded area means bigger fraction.
- Choice B is correct.** (4.NF.5) The tenths place is the same for both (2 tenths). Compare the hundredths:  $7 > 2$ , so  $0.27 > 0.22$ . Lin's apple is heavier.
- The correct answer is A, D.** (4.OA.4) Test each by trying small prime divisors (2, 3, 5, 7). 31: passes all—**prime**  $\checkmark$ . 33 =  $3 \times 11$  (composite). 35 =  $5 \times 7$  (composite). 37: passes all—**prime**  $\checkmark$ . 39 =  $3 \times 13$  (composite). So choices A and D are the prime numbers.
- Choice D is correct.** (4.NBT.5) The standard algorithm breaks the multiplier by place value:  $(23 \times 8) + (23 \times 10) = 184 + 230 = 414$ .
- Choice C is correct.** (4.NF.4) Maya hops by halves:  $\frac{1}{2}, \frac{2}{2}, \frac{3}{2}$ . After 3 hops, she reaches  $\frac{3}{2}$ .
- Choice C is correct.** (4.MD.6) The ray points to the  $125^\circ$  mark, which is between the  $120^\circ$  and  $135^\circ$  benchmarks. Since  $125^\circ$  is between  $90^\circ$  and  $180^\circ$ , it's obtuse. The answer is **125** degrees.
- Choice A is correct.** (4.MD.5) The diagram shows the angle from  $0^\circ$  to  $60^\circ$ , giving us **60** one-degree angles.
- Choice B is correct.** (4.MD.1) Since 1 kilometer = 1,000 meters, multiply:  $5 \times 1,000 = 5,000$  m. The answer is **5,000** m.
- Choice C is correct.** (4.NF.3) Add the wholes:  $3 + 1 = 4$ . Add the fractions:  $\frac{2}{6} + \frac{4}{6} = \frac{6}{6} = 1$ . Combine:  $4 + 1 = 5$  meters.
- Choice C is correct.** (4.NF.5) 0.7 is zero point seven, which is read as seven tenths. That means  $0.7 = \frac{7}{10}$ .
- Choice D is correct.** (4.NF.1) Multiply both numerator and denominator by 2 to get a denominator of 10:  $\frac{1}{5} = \frac{1 \times 2}{5 \times 2} = \frac{2}{10}$ .
- Choice C is correct.** (4.NF.3) Diego wants to give away  $\frac{5}{6}$  of his sticker sheets—that's 5 equal pieces out of 6. So  $\frac{5}{6} = \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$ .  

$$\underbrace{\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}}_{5 \text{ unit fractions}}$$
- The correct answer is  $\frac{6}{4}$ .** (4.NF.4) With 6 tiles, each  $\frac{1}{4}$  meter long, we have  $6 \times \frac{1}{4} = \frac{6}{4} = 1\frac{1}{2}$  meters total.



Scan me!  
For more practice  
& answers

## Hi, Math Pilot!

◇ 8 flights done in your math airplane. You have flown through smooth skies and bumpy clouds. You are a real pilot now. ◇

★ **Pilots know:** a good check before takeoff makes a smooth flight. Before each problem, do your check: read, plan, solve, verify. ★

### Pilot Skills

- **Pre-Flight:** You read the question carefully.
- **Steering:** You pick the right strategy.
- **Smooth Flight:** You stay calm in long tests.
- **Landing:** You always check your final answer.

**Pilot tip:** on test day, take off one problem at a time. Trust your training. You earned your wings!

If you want to share something or ask a question, please email me at [jay@testinar.com](mailto:jay@testinar.com).

**Jay Daie**

Your Math Pilot

# 8 PRACTICE TESTS. PREPARE. PRACTICE. SUCCEED!

This **Grade 4 Math Practice Tests** book is designed to help students build strong math skills, master essential concepts, and boost confidence for success in the classroom and beyond.

Featuring 8 full-length practice tests, a variety of question types, and detailed answer explanations, this book provides the practice and support students need to improve accuracy, strengthen problem-solving abilities, and achieve their best.

Perfect for classroom use, homework, test preparation, and extra practice at home.

## PERFECT FOR:

- ✓ Classroom Practice
- ✓ Homework & Review
- ✓ Independent Learning
- ✓ Test Preparation
- ✓ Skill Reinforcement

★ CONFIDENCE IN MATH.  
SUCCESS FOR LIFE.

## WHAT STUDENTS WILL GAIN



### Stronger Math Skills

Build a solid foundation through targeted practice and review.



### Better Problem Solving

Develop logical thinking and effective solution strategies.



### Test Confidence

Become familiar with test-style questions and formats.



### Track Progress

Measure growth across multiple practice tests.



### Academic Success

Strengthen skills needed for future learning.

## TOPICS COVERED

- ✓ Place Value & Number Sense
- ✓ Multi-Digit Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Equivalent Fractions
- ✓ Geometry & Shapes
- ✓ Measurement & Data
- ✓ Perimeter & Area
- ✓ Word Problems
- ✓ Patterns & Algebraic Thinking
- ✓ Graphs & Data Interpretation
- ✓ Mathematical Reasoning
- ✓ And More!



Visit [testinar.com/math4](https://testinar.com/math4) for additional Grade 4 math resources and practice materials.

## MORE PRACTICE. GREATER RESULTS.

Give your child the tools needed to develop strong math skills, confidence, and a positive attitude toward learning.

A COMPLETE  
PRACTICE EXPERIENCE  
TO HELP STUDENTS THRIVE!



Builds Confidence Through Practice



Strengthens Critical Thinking & Problem Solving



Encourages Independent Learning



Prepares Students for Future Success