

# 7

# California

## CAASPP

### GRADE 4 MATH

## PRACTICE TESTS

Standards-Aligned Review with  
Mixed Practice and Answer Key



7 Full-Length  
Practice Tests



Standards-  
Aligned



Build Confidence  
and Skills



Mixed Question  
Types

**ANSWER  
KEY**

**INCLUDED**

$$\begin{array}{r} 25 \\ +37 \\ \hline 62 \end{array}$$

$$\begin{array}{r} 8 \times 7 \\ = \\ 56 \end{array}$$

# 7 California CAASPP Grade 4 Math Practice Tests

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



Seven 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**



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# Welcome, California Math Explorer!

Seven steady rounds on the Golden State math route

This book gives you seven 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?

Seven tests, 210 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 5–7	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

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1) What is  $6 \times \frac{1}{6}$ ?

2) An isosceles trapezoid has how many lines of symmetry?

A. 0

C. 2

B. 1

D. 4

3) Mia watches the hour hand on a clock move from 2 to 5. How many degrees does it move?

4) Zoe's basketball team scored 9 points in the first quarter. In the second quarter, they scored 2 times as many points. How many points did they score in the second quarter?

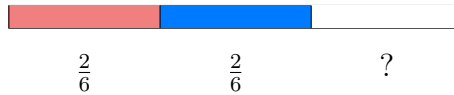
A. 11

C. 20

B. 16

D. 18





5)

A fabric strip shows three equal parts. The red part is  $\frac{2}{6}$  and the blue part is  $\frac{2}{6}$ . What fraction is white?

- A.  $\frac{2}{6}$
- B.  $\frac{4}{6}$

- C.  $\frac{1}{6}$
- D.  $\frac{3}{6}$

6) Look at the bar diagram. What is the total of both bars?



- A. 7
- B. 10

- C. 20
- D. 12

7) What is the rule for this pattern? 9, 18, 27, 36, 45, ...

- A. Add 8
- B. Multiply by 3

- C. Multiply by 2
- D. Add 9 (multiples of 9)

8) Which number sentence is correct?

- A.  $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{3}{12}$
- B.  $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{3}{4}$

- C.  $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} = \frac{3}{9}$
- D.  $\frac{1}{6} + \frac{1}{6} = \frac{2}{12}$



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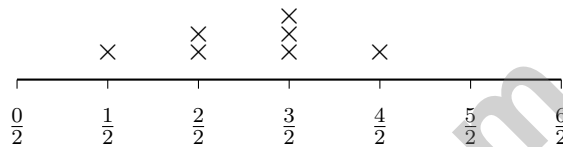
9) Solve:  $\frac{1}{6} + \frac{4}{6} + \frac{1}{6} = ?$



$$\frac{1}{6} + \frac{4}{6} + \frac{1}{6} = ?$$

- A.  $\frac{6}{18}$ 
 C.  $\frac{4}{6}$   
 B.  $\frac{6}{6}$  or 1
  D.  $\frac{3}{6}$

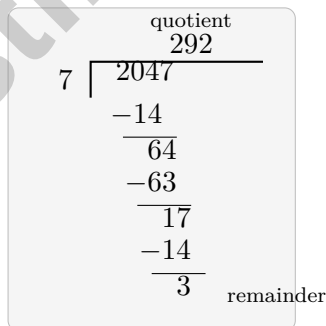
10) Look at this line plot with halves:



How many measurements are less than or equal to 1 inch?

- A. 2
  C. 4  
 B. 3
  D. 5

11) What is the remainder when 2,047 is divided by 7?



- A. 2
  C. 4  
 B. 5
  D. 3

1) Which shows a sum greater than 1?

A.  $\frac{5}{8} + \frac{4}{8}$

C.  $\frac{4}{8} + \frac{2}{8}$

B.  $\frac{3}{6} + \frac{2}{6}$

D.  $\frac{5}{10} + \frac{3}{10}$

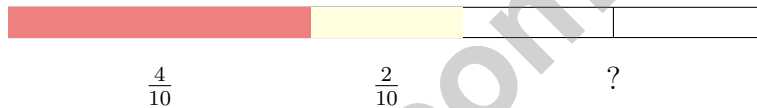
2) A rectangular garden is divided into 6 equal plots, and the farmer uses 4 of them. Which expression shows  $\frac{4}{6}$  written as a sum of **unit fractions**?

A.  $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

C.  $\frac{3}{6} + \frac{1}{6}$

B.  $\frac{2}{6} + \frac{2}{6}$

D.  $\frac{4}{6} + 0$



3)

A number line from 0 to 1 shows  $\frac{4}{10}$  in red and  $\frac{2}{10}$  in yellow. What fraction is unmarked?

A.  $\frac{4}{10}$

C.  $\frac{6}{10}$

B.  $\frac{2}{10}$

D.  $\frac{8}{10}$

4) A recipe for cookies uses  $\frac{2}{5}$  cup of chocolate chips. If you triple the recipe, how many cups of chocolate chips do you need?



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5) Which decimal is the smallest?

A. 0.35

C. 0.50

B. 0.53

D. 0.55

6) How many times as many counters are in Group B as in Group A?



A. 2 times as many

C. 6 times as many

B. 8 times as many

D. 4 times as many

7) Diego needs to divide 1,625 into 5 equal groups. What is the result?

A. 315

C. 335

B. 305

D. 325

8) A chocolate bar is divided into 5 equal pieces. Ming eats 4 pieces. What fraction of the bar did Ming eat?

A.  $\frac{4}{5}$

C.  $\frac{5}{4}$

B.  $\frac{1}{4}$

D.  $\frac{1}{5}$

9) A rectangle with unequal adjacent sides has how many lines of symmetry?

A. 1

C. 3

B. 2

D. 4





5) What is  $7\frac{4}{10} - 2\frac{5}{10}$ ?

A.  $4\frac{8}{10}$

C.  $5\frac{1}{10}$

B.  $4\frac{9}{10}$

D.  $5\frac{9}{10}$

6) A quadrilateral has tick marks on all four sides. How many equal sides are marked?



7) A paint can contains  $6\frac{2}{3}$  quarts of paint. After painting a room,  $2\frac{1}{3}$  quarts are left. How much paint was used?

A.  $4\frac{1}{3}$

C.  $8\frac{3}{3}$

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

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

8) What is  $2,800 \div 7$ ?

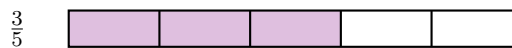
A. 400

C. 410

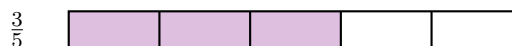
B. 390

D. 420

9) Which two fractions have a difference of 0?



same amount



same amount

$$\frac{3}{5} - \frac{3}{5} = 0$$

A.  $\frac{4}{8}$  and  $\frac{3}{8}$

C.  $\frac{3}{5}$  and  $\frac{3}{5}$

B.  $\frac{6}{6}$  and  $\frac{4}{6}$

D.  $\frac{5}{12}$  and  $\frac{7}{12}$



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## 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.**

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## Practice Test Answers and Explanations

### Practice Test 1 Answers and Explanations

- 1) **The correct answer is 1.** (4.NF.4) Six sixths:  $6 \times \frac{1}{6} = \frac{6}{6} = 1$ .
- 2) **Choice B is correct.** (4.G.3) An isosceles trapezoid has two equal slanted legs and a vertical line of symmetry straight down the middle. This divides it so both sides match perfectly. The answer is **1** line of symmetry.
- 3) **The correct answer is 90.** (4.MD.5) The hour hand moves  $30^\circ$  per hour. From 2 to 5 is 3 hours, so  $3 \times 30^\circ = 90^\circ$ .
- 4) **Choice D is correct.** (4.OA.2) “2 times as many” means multiply. The team scored  $2 \times 9 = 18$  points in the second quarter.
- 5) **Choice A is correct.** (4.NF.3) The fabric strip shows three parts. Red and blue are filled, white is empty. Step 1: Add the colored parts:  $\frac{2}{6} + \frac{2}{6} = \frac{4}{6}$ . Step 2: Subtract from the whole:  $\frac{6}{6} - \frac{4}{6} = \frac{2}{6}$  is white.
- 6) **Choice D is correct.** (4.OA.1) Step 1: Bar 2 is 5 times Bar 1, so Bar 2 =  $5 \times 2 = 10$ . Step 2: add both bars:  $2 + 10 = 12$ .
- 7) **Choice D is correct.** (4.OA.4) Check the differences:  $18 - 9 = 9$ ,  $27 - 18 = 9$ . Each increases by 9 (multiples of 9). ✓
- 8) **Choice B is correct.** (4.NF.3) When we add unit fractions with the same denominator, we keep the denominator and add the numerators.  $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$  has three 1’s in the numerator, so it equals  $\frac{3}{4}$ . The other choices incorrectly change the denominator.
- 9) **Choice B is correct.** (4.NF.3) The bar shows three shaded sections:  $\frac{1}{6}$ ,  $\frac{4}{6}$ , and  $\frac{1}{6}$ . Add all three numerators:  $1 + 4 + 1 = 6$  sixths = **1** whole.
- 10) **Choice B is correct.** (4.MD.4) Count X marks at values  $\leq 1$  inch. At  $\frac{1}{2}$  inch: 1 mark. At 1 inch: 2 marks. Total:  $1 + 2 = 3$  marks.
- 11) **Choice D is correct.** (4.NBT.6) Use long division:  $20 \div 7 = 2$  r6, bring down the 4 to get  $64 \div 7 = 9$  r1, bring down the 7 to get  $17 \div 7 = 2$  r3. The remainder is **3**.
- 12) **Choice C is correct.** (4.NF.1) The bars show the same shaded length, so  $\frac{3}{5} = \frac{6}{10}$  (equivalent). Since  $10 > 5$ , the second denominator is larger.
- 13) **Choice C is correct.** (4.NF.3) Add the wholes:  $3 + 1 = 4$ . Add the fractions:  $\frac{1}{3} + \frac{2}{3} = \frac{3}{3} = 1$ . Combine:  $4 + 1 = 5$  meters.
- 14) **Choice C is correct.** (4.NF.5) Convert the strawberries:  $\frac{8}{10} = \frac{80}{100}$ . Now add:  $\frac{80}{100} + \frac{15}{100} = \frac{95}{100}$  pound.
- 15) **Choice D is correct.** (4.OA.4) Test the small primes: 23 is odd; digit sum  $2 + 3 = 5$  (not  $\div 3$ ); doesn’t end in 0 or 5;  $7 \times 3 = 21$ ,  $7 \times 4 = 28$ , no 7. So 23 has only factors 1 and itself—**prime**.
- 16) **Choice D is correct.** (4.NBT.2) Reading from right to left: ones, tens, hundreds, thousands. The 5 is in the tens place ✓
- 17) **Choice D is correct.** (4.OA.3) Two steps! Step 1: find the total marbles. 7 cups  $\times$  8 marbles = 56. Step 2: take away the lost marbles:  $56 - 15 = 41$  marbles left.
- 18) **The correct answer is A, B.** (4.MD.2) A is correct:  $5 \text{ kg} = 5 \times 1,000 = 5,000$  grams. B is correct:  $5 \div 5 = 1$  kg. C is wrong: 5 kg is more than 3 kg. D is wrong:  $10 \text{ kg} = 10,000$  grams, not 20,000. E is wrong: 1 kg = 1,000 grams, not 100.
- 19) **Choice D is correct.** (4.NBT.3) We’re rounding to the nearest hundred. Look at the tens digit: 5. Since  $5 \geq 5$ , we round UP! The hundreds digit goes from 7 to 8, giving us **8,800**. ✓
- 20) **Choice A is correct.** (4.NBT.4) Subtract carefully with regrouping:  $7,123 - 2,456 = 4,667$ .
- 21) **Choice B is correct.** (4.NF.5) 0.6 is the decimal form of six tenths:  $0.6 = \frac{6}{10}$ .
- 22) **Choice B is correct.** (4.NF.3) Sam’s ribbon is  $\frac{6}{8}$  yard. Cut into two equal pieces means each piece is half:  $\frac{6}{8} \div 2 = \frac{3}{8}$  ✓.
- 23) **Choice C is correct.** (4.MD.7) Each slice is  $45^\circ$ . Combine 3 slices:  $45^\circ \times 3 = 135^\circ$ .
- 24) **Choice C is correct.** (4.G.2) A rhombus has four equal sides and two pairs of parallel sides but does not have right angles. These attributes match the shape described in the problem. The answer is **C**.
- 25) **Choice B is correct.** (4.MD.1) Since 1 liter = 1,000 milliliters, multiply:  $5,000 \times 1,000 = 5,000,000$  mL. The answer is **5,000,000** mL.
- 26) **Choice B is correct.** (4.NF.5) 0.35 fits perfectly between 0.3 and 0.4. The other options fall outside this range.



Star Player Pep Talk

---

## Hi, Star Player!

◇ 7 practice tests. Every one of them was a chance to grow. You took every chance. That's why you're a math star today! ◇

★ **Star players know:** confidence comes from practice. You can't fake it. You build it. You built yours over 7 tests. It's real now! ★

### Star Player Stats

- **Practice:** OFF THE CHARTS!
- **Skills:** BROAD! You can do many problem types.
- **Toughness:** HIGH! You don't quit on hard problems.
- **Game Plan:** READY! You know your strategies.

**Star tip:** on test day, take it one play at a time. One problem. Then the next. You will earn your stars!

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

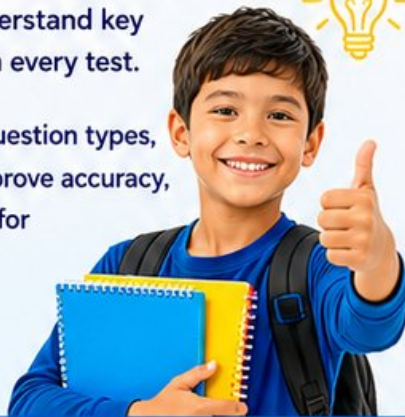
**Jay Daie**

Your Math Coach

# 7 FULL-LENGTH TESTS TO MASTER GRADE 4 MATH!

This **Grade 4 Math Practice Tests** book provides the practice your child needs to build strong math skills, understand key concepts, and gain the confidence to succeed on every test.

With 7 full-length practice tests, a wide range of question types, and detailed answer explanations, students will improve accuracy, strengthen problem-solving abilities, and prepare for classroom success and beyond.



## PERFECT FOR:

- ✓ Classroom Practice
- ✓ Homework & Review
- ✓ Independent Learning
- ✓ Test Preparation
- ✓ Confidence Building
- ✓ 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.

$$\begin{array}{r} 45 \\ -17 \\ \hline 28 \end{array}$$



$$7 \times 8 = 56$$

## TOPICS COVERED

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



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## MORE PRACTICE. GREATER RESULTS.

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



7 Full-Length Practice Tests



Standards-Aligned



Build Confidence and Skills



Mixed Question Types



Answer Key Included