

# 6 California CAASPP

## GRADE 4 MATH PRACTICE TESTS

Standards-Aligned Review with  
Mixed Practice and Answer Key



**MASTER KEY MATH CONCEPTS**  
**BUILD CONFIDENCE FOR TEST DAY**

**INCLUDES COMPREHENSIVE ANSWER KEY**  
**ALIGNED STATE STANDARDS**

# 6 California CAASPP Grade 4 Math Practice Tests

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



Six 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!

Six steady rounds on the Golden State math route

This book gives you six 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?

Six tests, 180 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 4–6	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.



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For more practice  
& answers

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- 1) A farmer has 23,456 kg of grain. He uses 5,678 kg. How much grain is left?
- A. 17,778 kg                       C. 18,778 kg  
 B. 17,878 kg                       D. 17,678 kg
- 2) What is 39,845 rounded to the nearest ten thousand?
- A. 30,000                               C. 40,000  
 B. 39,000                               D. 50,000
- 3) A full turn around a point equals 360 degrees. How many one-degree angles make a full turn?
- A. 180 one-degree angles               C. 360 one-degree angles  
 B. 90 one-degree angles                 D. 720 one-degree angles
- 4) Count the multiples of 8 between 1 and 60 using the table:

8	16	24	32
40	48	56	next is 64

How many multiples of 8 are there up to 60?

- A. 6     C. 8  
 B. 9     D. 7
- 5) A grain of rice weighs  $\frac{1}{12}$  ounce. How much do 10 grains weigh?
- A.  $\frac{1}{120}$  ounce                               C.  $\frac{12}{10}$  ounces  
 B.  $\frac{10}{12}$  ounce                                 D.  $\frac{10}{120}$  ounce



6) A baker had  $3\frac{3}{5}$  cups of sugar. She used  $2\frac{1}{5}$  cups for a cake. How much sugar is left?

A.  $1\frac{2}{5}$

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

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

D.  $2\frac{2}{5}$

7) What is  $21 \times 41$ ?

A. 782

C. 841

B. 920

D. 861

8) Compare the volumes. Which is smaller: 3 liters or 2,500 milliliters?

A. 3 liters

C. They are the same size

B. 2,500 milliliters

D. Cannot be determined

9) Which statement is false?

A.  $\frac{50}{100} = 0.50$

C.  $\frac{100}{100} = 10.0$

B.  $\frac{9}{10} = 0.9$

D.  $\frac{4}{10} = 0.4$

10) Look at the place-value chart. Which statement is true?

Thousands	Hundreds	Tens	Ones
4	2	6	8

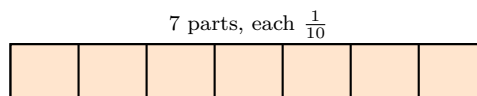
A. The tens digit equals 8.

C. The hundreds place has value 20.

B. The thousands digit is in the tens place.

D. The hundreds place has value 200.

11) In a fraction bar, 7 equal parts are shaded. If each part is  $\frac{1}{10}$ , what fraction is shaded?



A.  $\frac{1}{10}$

C.  $\frac{7}{10}$

B.  $\frac{3}{10}$

D.  $\frac{10}{7}$



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12) What is  $6 \times \frac{1}{8}$ ?

A.  $\frac{1}{48}$

B.  $\frac{8}{6}$

C.  $\frac{6}{8}$  or  $\frac{3}{4}$

D.  $\frac{6}{1}$

13) What is  $4\frac{1}{6} + 1\frac{4}{6}$ ?

A.  $5\frac{1}{6}$

B.  $5\frac{4}{6}$

C.  $5\frac{5}{6}$

D.  $6\frac{1}{6}$

14) What is the next number in the pattern? 1, 1, 2, 3, 5, 8, 13, \_\_

A. 18

B. 20

C. 21

D. 22

15) A pet store has 8 goldfish. It has 6 times as many guppies as goldfish. How many more guppies than goldfish does the store have?

A. 48

B. 14

C. 6

D. 40

16) A field trip involves 125 students. They need to board buses that hold 30 students each. Which statements are true?

A. They need exactly 4 buses to fit all students.

B. They need 5 buses, with one bus not completely full.

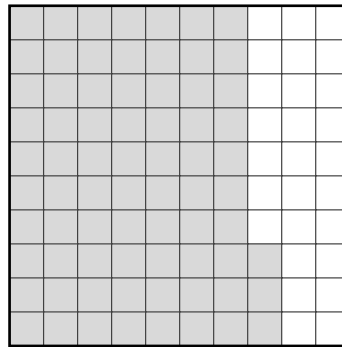
C. If 10 students don't go, they need only 3 buses.

D. The fifth bus will have 5 students.

E. They could fit all students in 3 buses.



1) Look at the grid below with hundredths shaded.



What decimal is shown?

- A. 0.62                       C. 0.73  
 B. 0.72                       D. 0.82

2) Look at the bar model below. How many times as many is the longer bar compared to the shorter bar?



- A. 3 times                       C. 10 times  
 B. 2 times                       D. 5 times

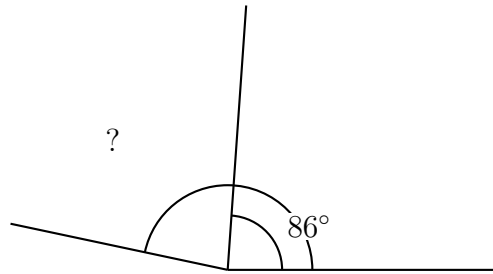


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- 6) A surveyor measures a land angle of  $168^\circ$ . A tree is planted such that it divides the angle into  $86^\circ$  and another part. What is the measure of the other part?



- A.  $82^\circ$ 
 C.  $254^\circ$   
 B.  $86^\circ$ 
 D.  $90^\circ$
- 7) Which picture shows  $2 \times \frac{1}{3}$ ?
- A**
**B**
- C**
**D**
- A. Picture A
  C. Picture C  
 B. Picture B
  D. Picture D
- 8) A class did two separate measurements: Batch A has values  $\frac{2}{8}$ ,  $\frac{3}{8}$ ,  $\frac{1}{8}$ . Batch B has values  $\frac{3}{8}$ ,  $\frac{5}{8}$ . What is the difference between the sum of Batch B and sum of Batch A?
- A. 0
  C.  $\frac{2}{8}$   
 B.  $\frac{1}{8}$ 
 D.  $\frac{3}{8}$



## 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

- Choice A is correct.** **(4.NBT.4)** The farmer uses some grain, so we subtract.  $23,456 - 5,678 = 17,778$  kg left.
- Choice C is correct.** **(4.NBT.3)** We're rounding to the nearest ten thousand. Look at the thousands digit: 9. Since  $9 \geq 5$ , we round UP! The ten thousands digit changes from 3 to 4, giving us **40,000**. ✓
- Choice C is correct.** **(4.MD.5)** A full turn all the way around a point is  $360^\circ$ , made of **360** one-degree angles.
- Choice D is correct.** **(4.OA.4)** Read across the table: 8, 16, 24, 32, 40, 48, 56. The next one (64) is over 60, so we stop. Count: **7** multiples of 8 up to 60.
- Choice B is correct.** **(4.NF.4)** Ten grains of rice, each weighing  $\frac{1}{12}$  ounce, weigh  $10 \times \frac{1}{12} = \frac{10}{12}$ , which simplifies to  $\frac{5}{6}$  ounce.
- Choice A is correct.** **(4.NF.3)** The baker used some sugar for the cake. Subtract the amount used from the starting amount:  $3\frac{3}{5} - 2\frac{1}{5} = 1\frac{2}{5}$  cups of sugar left.
- Choice D is correct.** **(4.NBT.5)** Break 41:  $21 \times (40 + 1) = 840 + 21 = \mathbf{861}$ .
- Choice B is correct.** **(4.MD.1)** Convert 3 liters to mL:  $3 \times 1,000 = 3,000$  mL. Since  $2,500 \text{ mL} < 3,000 \text{ mL}$ , the answer is **2,500** milliliters is smaller.
- Choice C is correct.** **(4.NF.5)**  $\frac{100}{100}$  represents one whole, or 1.0 (not 10.0). The other three statements are all correct.
- Choice D is correct.** **(4.NBT.1)** From the chart, the hundreds digit is 2. Its value is  $2 \times 100 = 200$ . Statement B is true. ✓
- Choice C is correct.** **(4.NF.4)** Seven shaded parts, each  $\frac{1}{10}$ :  $7 \times \frac{1}{10} = \frac{7}{10}$ .
- Choice C is correct.** **(4.NF.4)** We take 6 copies of  $\frac{1}{8}$ . Multiply:  $6 \times \frac{1}{8} = \frac{6 \times 1}{8} = \frac{6}{8} = \frac{3}{4}$ . The answer is  $\frac{3}{4}$ .
- Choice C is correct.** **(4.NF.3)** Add the wholes:  $4 + 1 = 5$ . Add the fractions:  $\frac{1}{6} + \frac{4}{6} = \frac{5}{6}$ . The sum is  $5\frac{5}{6}$ .
- Choice C is correct.** **(4.OA.4)** Add the two previous terms:  $8 + 13 = 21$ . This is a Fibonacci-like pattern. ✓
- Choice D is correct.** **(4.OA.1)** Step 1: find the guppies:  $8 \times 6 = 48$ . Step 2: "how many *more*" is a subtraction:  $48 - 8 = 40$ . The store has **40** more guppies than goldfish.
- The correct answer is B, D.** **(4.OA.3)** Divide:  $125 \div 30 = 4$  remainder 5. Four buses fit only 120 students, so we round *up* to 5 buses (choice B is correct). The fifth bus carries the remainder—5 students (choice D is correct). Choice A undercounts; choice C is wrong because  $115 \div 30$  still needs 4 buses; choice E is wrong because  $3 \times 30 = 90$ , far fewer than 125.
- Choice A is correct.** **(4.NF.3)** To check a decomposition, add the numerators and keep the same denominator.  $\frac{6}{12} + \frac{5}{12} = \frac{6+5}{12} = \frac{11}{12}$ . ✓ *Note:* this is one of several valid ways to decompose  $\frac{11}{12}$ —you could also use  $\frac{4}{12} + \frac{7}{12}$  or  $\frac{1}{12} + \frac{10}{12}$ , etc.
- The correct answer is 18 oz.** **(4.MD.2)** The baker has 50 ounces and uses 32 ounces. Subtract:  $50 - 32 = 18$  ounces. There are **18** ounces left.
- Choice A is correct.** **(4.G.1)** The blue distance markers show that these parallel lines stay exactly the same distance apart all the way down. That's what makes them parallel!
- Choice C is correct.** **(4.MD.7)** Add the three spinner sections together:  $50^\circ + 60^\circ + 70^\circ = \mathbf{180^\circ}$ .
- The correct answer is Field A.** **(4.NF.5)** Compare tenths first (they outweigh hundredths). Field A has 8 tenths; Field B has 3 tenths. Since  $8 > 3$ ,  $0.83 > 0.38$ , so Field A is wider. ✓
- Choice A is correct.** **(4.NF.1)** Find common denominator 12:  $\frac{5}{6} = \frac{10}{12}$  and  $\frac{3}{4} = \frac{9}{12}$ . Since  $\frac{10}{12} > \frac{9}{12}$ , Noah used more paint.
- Choice C is correct.** **(4.MD.5)** The hour hand moves **30°** per hour because  $360^\circ \div 12 \text{ hours} = 30^\circ$ .
- Choice B is correct.** **(4.MD.6)** The ray points to the  $15^\circ$  mark. Since  $15^\circ$  is very close to  $0^\circ$  and less than  $90^\circ$ , this is a small acute angle. The answer is **15** degrees.
- Choice A is correct.** **(4.NBT.6)** Use long division:  $2 \div 7 = 0$  r2, bring down the 5 to get  $25 \div 7 = 3$  r4, bring down the 2 to get  $42 \div 7 = 6$ , bring down the 0 to get  $0 \div 7 = 0$ . The answer is **360**.
- The correct answer is 319,502.** **(4.NBT.2)** Thousands:  $319 \rightarrow 319,000$ . Ones:  $502 \rightarrow 502$ . Combined:  $319,000 + 502 = 319,502$  ✓
- Choice B is correct.** **(4.NF.4)** Starting at 0, we jump 8 times, each jump being  $\frac{1}{10}$ . The final position is  $8 \times \frac{1}{10} = \frac{8}{10}$ .



## Hi, Math Pilot!

◇ 6 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

# PRACTICE TODAY, SUCCEED TOMORROW!

This **Grade 4 Math Practice Tests** book is the perfect tool to help students strengthen their math skills, master important concepts, and build confidence for test success.

With 6 full-length practice tests, a variety of question types, and detailed answer explanations, students get the review and practice they need to improve accuracy, develop critical thinking, and achieve their best.

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

## PERFECT FOR:

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- ✓ Independent Learning
- ✓ Test Preparation
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- ✓ Confidence Building

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SUCCESS FOR LIFE.**

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### 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.



### Master Key Concepts

Reinforce important skills aligned with grade-level standards.



### Prepare for Success

Build the confidence needed to do your best on test day.

## TOPICS COVERED

- ✓ Place Value & Number Sense
- ✓ Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Equivalent Fractions
- ✓ Decimals
- ✓ Geometry & Measurement
- ✓ Perimeter & Area
- ✓ Data, Graphs & Line Plots
- ✓ Patterns & Algebraic Thinking
- ✓ And More!



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