

# 9

$$256 \div 8 = 32$$



$$48 \times 7 = 336$$

# California CAASPP

## GRADE 4

# MATH

## PRACTICE TESTS

Standards-Aligned Review with  
Mixed Practice and Answer Key



**9 FULL-LENGTH  
PRACTICE TESTS**



**STANDARDS-ALIGNED  
REVIEW**



**MIXED PRACTICE  
BUILD SKILLS & CONFIDENCE**



**ANSWER KEY  
FOR ALL TESTS**



$$\frac{3}{4} + \frac{1}{4} = 1$$



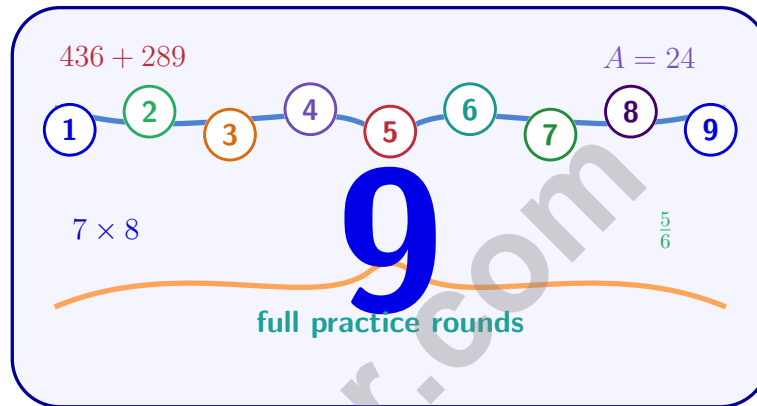
$$725 - 358 = 367$$

PREPARE  
**PRACTICE**  
SUCCEED  
PERFORM

**PRACTICE TODAY.  
SUCCEED TOMORROW.**

# 9 California CAASPP Grade 4 Math Practice Tests

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



Nine 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!

Nine steady rounds on the Golden State math route

This book gives you nine 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?

Nine tests, 270 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 7–9	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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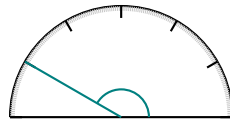
★ Practice Test 1	_____	14
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1) If an angle turns through 85 one-degree angles, what is its measure?

- A.  $8.5^\circ$                        C.  $170^\circ$   
 B.  $85^\circ$                          D.  $850^\circ$

2) What are the factors of 15?

- A. 1, 3, 5, 9, 15                       C. 3, 5, 15  
 B. 1, 5, 15                               D. 1, 3, 5, 15



3)

Which angle classification fits the angle shown above?

- A. Acute                                       C. Obtuse  
 B. Right                                       D. Straight

4) Match the word form to the place-value chart. “Sixty-five thousand, two hundred nine”:

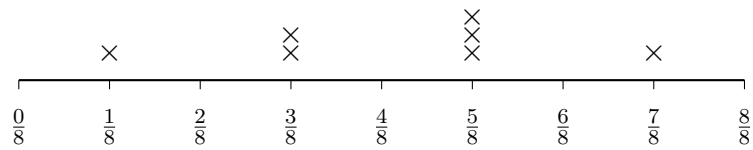
Ten-Thousands	Thousands	Hundreds	Tens	Ones
6	5	2	0	9

Which numeral matches?

- A. 65,029                                       C. 65,290  
 B. 65,902                                       D. 65,209



5) Here is a line plot with eighths:



What is the sum of all measurements shown on this line plot?

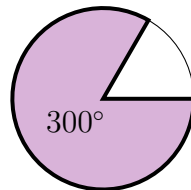
- A.  $\frac{24}{8}$ 
 C.  $\frac{26}{8}$   
 B.  $\frac{25}{8}$ 
 D.  $\frac{29}{8}$

6) A toy donation has 35 toy cars and 28 toy trucks. They lose 6 items. The remaining items are donated to 3 shelters equally. How many items does each shelter receive?

- A. 18 items
  C. 20 items  
 B. 21 items
  D. 19 items

7) Complete the equation:  $7 \times \frac{1}{\underline{\quad}} = \frac{7}{9}$

- A. 7
  C. 9  
 B. 2
  D. 16



8)

If the shaded angle measures  $300^\circ$ , what fraction of a complete turn is this?

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



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& answers

9) Ava has  $\frac{2}{5}$  of a candy bar. Diego gives her  $\frac{2}{5}$  more. How much candy does Ava have now?

- A.  $\frac{4}{10}$   
 B.  $\frac{4}{5}$

- C.  $1\frac{1}{5}$   
 D.  $\frac{2}{10}$

Th	H	T	O
2	3	4	1

10)

This place-value chart shows the first number. If you add 1,234 to it, what is the sum?

- A. 3,575  
 B. 3,465

- C. 3,565  
 D. 3,475

11) A quadrilateral has two pairs of opposite sides that are equal and parallel. Is this figure a rectangle?

- A. Yes, always  
 B. No, never

- C. Only if it has right angles  
 D. Only if all four sides are equal

12) Which of the following is NOT a type of angle based on size?

- A. Acute  
 B. Right

- C. Obtuse  
 D. Vertex

13) Which shows the error in this student work? The student said  $\frac{1}{4} + \frac{1}{4} = \frac{2}{8}$ .

- A. Should not add fractions with same denominators

- C. The correct answer is  $\frac{2}{4}$ , not  $\frac{2}{8}$   
 D. Cannot add fractions at all

- B. Adding the numerators and denominators separately (mistake)



1) If you turn  $\frac{1}{6}$  of the way around a circle, how many degrees do you turn?

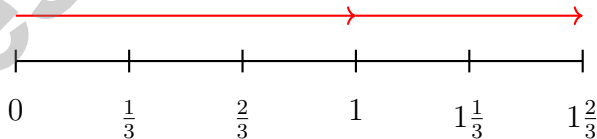
- A.  $60^\circ$ 
 C.  $120^\circ$   
 B.  $90^\circ$ 
 D.  $180^\circ$

2) A line plot shows student jump distances in eighths of a foot. The data are:  $\frac{2}{8}$  ft,  $\frac{3}{8}$  ft,  $\frac{5}{8}$  ft,  $\frac{2}{8}$  ft,  $\frac{3}{8}$  ft,  $\frac{3}{8}$  ft,  $\frac{5}{8}$  ft. What is the difference between the longest and shortest jump distances?

3) A number is written as 6 thousands, 7 hundreds, 3 tens, and 1 one. What is the value of the hundreds?

- A. 7
  C. 700  
 B. 70
  D. 7,000

4) How is  $\frac{5}{3}$  decomposed on this number line?



- A.  $\frac{2}{3} + \frac{1}{3}$ 
 C.  $\frac{5}{3} + 0$   
 B.  $\frac{3}{3} + \frac{2}{3}$ 
 D.  $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$



Scan me!  
For more practice  
& answers

5) Is 30 prime or composite?

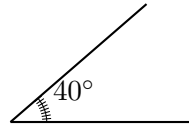
A. Prime

B. It depends

C. Neither

D. Composite

6)



An angle turns through 40 one-degree angles. What is the measure of this angle?

A.  $40^\circ$

B.  $41^\circ$

C.  $39^\circ$

D.  $80^\circ$

7) Which number sentence is true?

A.  $2 \times \frac{1}{5} = \frac{1}{10}$

B.  $3 \times \frac{1}{5} = \frac{3}{5}$

C.  $4 \times \frac{1}{5} = \frac{4}{20}$

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

8) What is 98,765 rounded to the nearest thousand?

A. 98,000

B. 100,000

C. 98,800

D. 99,000

9) Which fraction is NOT equal to  $\frac{10}{100}$ ?

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

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

C.  $\frac{20}{200}$

D.  $\frac{5}{50}$





5) Jackson has  $3\frac{5}{6}$  cups of juice. He drinks  $2\frac{2}{6}$  cups. How much juice remains?

A.  $1\frac{3}{6}$

B.  $1\frac{2}{6}$

C.  $5\frac{7}{6}$

D.  $2\frac{3}{6}$

6) When you measure an angle with a protractor, the vertex of the angle should be placed where?

 A. At the center point of the protractor C. At the 0-degree mark B. At the top of the protractor D. Anywhere on the flat edge

7) A farmer plants 5 rows of vegetables. Each row has 15 plants. How many plants does the farmer plant in total?

8) A full turn around a circle measures how many degrees?

A.  $90^\circ$

B.  $180^\circ$

C.  $270^\circ$

D.  $360^\circ$

9) A straight angle of  $180^\circ$  is divided into five equal parts. What is the measure of each part?



## 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 B is correct.** (4.MD.5) An angle that turns through 85 one-degree angles has a measure of  $85^\circ$ .
- Choice D is correct.** (4.OA.4) Find every number that divides 15 evenly. Pair them up:  $1 \times 15$  and  $3 \times 5$ . So the factor list is 1, 3, 5, 15. (Note that 1 and the number itself are always factors!)
- Choice C is correct.** (4.MD.6) Obtuse angles are wider than right angles but not quite flat. Since  $150^\circ$  is between  $90^\circ$  and  $180^\circ$ , it fits the obtuse definition perfectly. The answer is obtuse.
- Choice D is correct.** (4.NBT.2) Reading the chart: ten-thousands: 6, thousands: 5, hundreds: 2, tens: 0, ones: 9  $\rightarrow$  65,209 ✓
- Choice D is correct.** (4.MD.4) Add all the measurements:  $\frac{1}{8} + \frac{3}{8} + \frac{3}{8} + \frac{5}{8} + \frac{5}{8} + \frac{5}{8} + \frac{7}{8} = \frac{29}{8}$  in.
- Choice D is correct.** (4.OA.3) Three steps! Step 1: total items:  $35 + 28 = 63$ . Step 2: subtract the lost items:  $63 - 6 = 57$ . Step 3: share among 3 shelters:  $57 \div 3 = 19$  items each.
- Choice C is correct.** (4.NF.4) The fraction  $\frac{7}{9}$  has numerator 7 and denominator 9. This means 7 copies of  $\frac{1}{9}$ . So the missing denominator is 9.
- Choice C is correct.** (4.MD.5)  $\frac{300}{360} = \frac{5}{6}$  after simplifying by dividing by 60.
- Choice B is correct.** (4.NF.3) Ava starts with  $\frac{2}{5}$  and Diego adds  $\frac{2}{5}$  more. With the same-size fifths, we get  $2 + 2 = 4$  fifths:  $\frac{4}{5}$ .
- Choice A is correct.** (4.NBT.4) The chart shows 2,341. Add: ones  $1 + 4 = 5$ , tens  $4 + 3 = 7$ , hundreds  $3 + 2 = 5$ , thousands  $2 + 1 = 3$ . The sum is **3,575**.
- Choice C is correct.** (4.G.2) A parallelogram is defined by having two pairs of opposite sides that are equal and parallel. A figure is a rectangle only when it also has four right angles at each corner. The answer is **C**.
- Choice D is correct.** (4.MD.5) Vertex is a part of an angle (where two rays meet), not a type of angle. The types are acute, right, obtuse, and straight.
- Choice B is correct.** (4.NF.4) When adding fourths, the denominator stays the same!  $\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$ , not  $\frac{2}{8}$ . The student mistakenly added the denominators.
- Choice B is correct.** (4.NF.5) Hundredths fill the second decimal place.  $\frac{47}{100} = 0.47$ , so the answer is **0.47**.
- The correct answer is 90.** (4.G.1) The corner of a square is always a right angle, and a right angle is always  $90^\circ$ .
- The correct answer is A, D.** (4.NBT.6) Use long division:  $15 \div 8 = 1$  r7, bring down the 1 to get  $71 \div 8 = 8$  r7, bring down the 2 to get  $72 \div 8 = 9$ . The quotient is 189 with no remainder. Statements A and D are correct (each site gets exactly 189 bricks, and the quotient is 189). Statements B, C, and E are incorrect because there is no remainder, each site gets 189 not 190, and the first step has the wrong remainder.
- Choice B is correct.** (4.NF.3) To decompose means to break apart. Breaking  $\frac{6}{8}$  into unit fractions means showing it as a sum of  $\frac{1}{8}$ 's:  $\frac{6}{8} = \underbrace{\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}}_{6 \text{ copies}}$ .
- Choice A is correct.** (4.NF.3) The board is  $\frac{14}{8}$  inches. One whole is  $\frac{8}{8}$ , leaving  $14 - 8 = 6$  eighths more. So  $1\frac{6}{8} = \frac{8}{8} + \frac{6}{8}$  ✓.
- Choice C is correct.** (4.OA.4) Count circles: Figure 1 has 3, Figure 2 has 5, Figure 3 has 7. Each time adds 2 circles. So Figure 4 has  $7 + 2 = 9$  circles.
- Choice C is correct.** (4.NF.1) Find common denominator 40:  $\frac{5}{8} = \frac{25}{40}$ ,  $\frac{3}{5} = \frac{24}{40}$ ,  $\frac{7}{10} = \frac{28}{40}$ . Since  $28 > 25 > 24$ , Gina ran farthest.
- Choice C is correct.** (4.NF.5) To convert  $\frac{2}{10}$  to a fraction with denominator 100, multiply both numerator and denominator by 10:  $\frac{2}{10} = \frac{2 \times 10}{10 \times 10} = \frac{20}{100}$ .
- Choice D is correct.** (4.OA.1) "7 times as many" is a multiplication clue:  $2 \times 7 = 14$  stickers.
- Choice A is correct.** (4.MD.7) The two ribbons meet at a vertex and form an angle. Add them:  $39^\circ + 51^\circ = 90^\circ$ .
- Choice A is correct.** (4.MD.3) The rectangle is 5 units long and 3 units wide. Perimeter  $= 2(5) + 2(3) = 10 + 6 = 16$  units.
- The correct answer is 1.** (4.G.3) The question tells us the letter has exactly one line of symmetry, so the answer is **1**.



## Hi, Math Detective!

◇ You did such a great job! You finished 9 tests like a real detective. You found the clues, used your tools, and solved the math. ◇

★ **Detectives know:** good work takes time. You took your time. You looked carefully. You found the answers! ★

### Your Detective Skills

- **Sharp Eyes:** You notice the small details.
- **Smart Plans:** You pick the right way to solve.
- **Brave Heart:** You try even when it's tricky.
- **Steady Work:** You finish what you start.

**Detective tip:** on test day, look carefully at each problem. Underline important words. Then solve like the detective you are!

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 Detective Helper

# PRACTICE TODAY. ACHIEVE TOMORROW!

This **Grade 4 Math Practice Tests** book is designed to help students strengthen essential math skills, build confidence, and develop the problem-solving abilities needed for classroom success and test readiness.

With 9 full-length practice tests, students gain repeated exposure to important Grade 4 concepts while learning how to approach questions with accuracy, confidence, and strong mathematical thinking.

Whether used at home, in the classroom, or for independent review, this book provides meaningful practice that helps students grow stronger with every test.

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Develop logical thinking and effective solution strategies.



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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
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