

4

California

CAASPP

GRADE 4

MATH

PRACTICE TESTS



5 FULL-LENGTH
PRACTICE TESTS



Standards-Aligned Review with
Mixed Practice and Answer Key



STANDARDS-ALIGNED
REVIEW



MIXED PRACTICE
QUESTIONS



ANSWER KEY
INCLUDED



$$4 \times 7 = 28$$

$$36 \div 9 = 4$$

$$\begin{array}{r} 125 \\ + 87 \\ \hline 212 \end{array}$$



4 California CAASPP Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Four focused 30-question missions for Grade 4 math: number facts, fractions, measurement, data, area, shapes, answer keys, and clear explanations for every item.

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Welcome, California Math Explorer!

Four steady rounds on the Golden State math route

This book gives you four 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?

Four tests, 120 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 2–4	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 2–4	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.

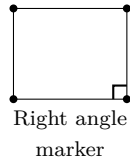


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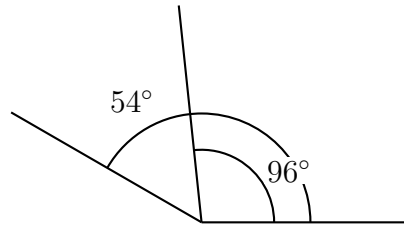
1) Which shape has perpendicular sides?



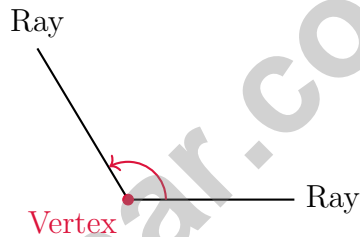
- A. Obtuse triangle
- B. Rectangle
- C. Acute triangle
- D. Trapezoid
- 2) A bakery makes 25 trays of cookies. Each tray holds 28 cookies. How many cookies are made?
- A. 600 cookies
- B. 800 cookies
- C. 750 cookies
- D. 700 cookies
- 3) A hand sweeps clockwise from 12 to 9 on a clock. How many degrees did it sweep?
- A. 90°
- B. 180°
- C. 270°
- D. 360°
- 4) Round 31,456 to the nearest hundred.
- A. 31,400
- B. 31,000
- C. 31,450
- D. 31,500
- 5) A restaurant uses 9 tablespoons of salt in each pot of soup. If they make 8 pots of soup and then use an additional 12 tablespoons for seasoning, how many tablespoons of salt do they use in total?



- 11) A fountain has a water spray. The spray sweeps through an angle of 96° in the first second, then 54° in the next second. What is the total angle swept?



- A. 42° C. 96°
 B. 150° D. 180°
- 12) Look at this angle:



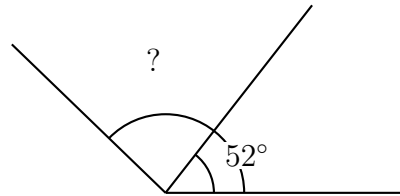
What type of angle is shown?

- A. An acute angle C. An obtuse angle
 B. A right angle D. A straight angle
- 13) What is $1,428 \div 6$?

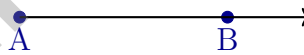
- A. 238 C. 248
 B. 242 D. 244



- 1) A ray divides a 136° angle into two parts. The smaller part measures 52° . What is the measure of the larger part?

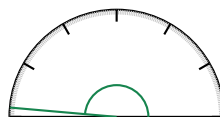


- A. 84°
 C. 188°
 B. 52°
 D. 68°
- 2) A bakery makes 6 batches of cookies. Each batch has 25 cookies. They box the cookies in groups of 8 per box. How many complete boxes can they make?
- A. 19
 C. 20
 B. 17
 D. 18
- 3) In this diagram, which description best matches the ray shown?



- A. Ray from B through A
 C. Line segment AB
 B. Ray from A through B
 D. Line through A and B

4)



What is the measure of this angle very close to a straight line?

- A. 180 degrees
 C. 5 degrees
 B. 175 degrees
 D. 170 degrees



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5) Kai is at a lemonade stand. Pitcher A holds 0.75 liters. Pitcher B holds 0.57 liters. Which pitcher holds more lemonade?

A. Pitcher A (0.75 L)

B. Pitcher B (0.57 L)

C. Both hold the same amount

D. Pitcher B holds twice as much

6) What is $\frac{5}{10} + \frac{25}{100}$?

A. $\frac{30}{100}$

B. $\frac{75}{100}$

C. $\frac{5}{25}$

D. $\frac{30}{110}$

7) Turning $\frac{1}{3}$ of the way around a circle equals how many degrees?

A. 60°

B. 120°

C. 180°

D. 240°

8) Round 66,505 to the nearest thousand.

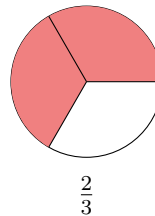
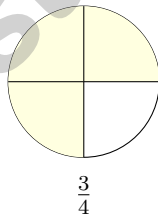
A. 66,000

B. 70,000

C. 66,500

D. 67,000

9) Look at the circles. Which fraction is greater?



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

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

C. They are equal

D. Cannot tell



1) A recipe is for 2 people and uses $\frac{3}{4}$ cup of oil. How much oil is needed if you make the recipe for 8 people (4 times the recipe)?

A. $\frac{12}{4}$ cups (or 3 cups)

C. $\frac{8}{4}$ cups (or 2 cups)

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

D. $\frac{12}{16}$ cup

2) In the number 2,222, which 2 has the greatest value?

A. The 2 in the ones place

C. The 2 in the hundreds place

B. The 2 in the tens place

D. The 2 in the thousands place

3) How many degrees larger is a straight angle than a right angle?

4) Sam measured ribbon lengths in fourths of a meter. She got: $\frac{2}{4}$, $\frac{3}{4}$, $\frac{2}{4}$, $\frac{4}{4}$, $\frac{3}{4}$, $\frac{3}{4}$. When plotted, which measurement has the most X marks?

A. $\frac{2}{4}$ m

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

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

D. 1 m

5) In the word form “seventy-eight thousand, four hundred twelve”, which place does the digit 8 occupy?

A. Tens place

C. Hundreds place

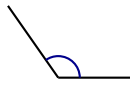
B. Ten-thousands place

D. Thousands place



6) Which angle is acute?

A.



B.



C.



D.

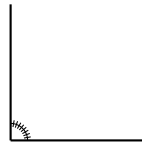

 A. Diagram A

 C. Diagram C

 B. Diagram B

 D. Diagram D

7)



This is a right angle. How many one-degree angles make a right angle?

 A. 45 one-degree angles

 C. 90 one-degree angles

 B. 180 one-degree angles

 D. 360 one-degree angles

8) A fraction bar partitioned into eighths shows seven unit fractions shaded:



7 eighths

This correctly decomposes to:

 A. $\frac{7}{8} = 7 \times \frac{1}{8}$
 C. $\frac{7}{8} = \frac{2}{8} + \frac{4}{8}$
 B. $\frac{7}{8} = \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$
 D. $\frac{7}{8}$ cannot be decomposed


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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

- Choice B is correct.** (4.G.2) Perpendicular sides meet at 90-degree angles, as indicated by the right angle marker shown in the figure. A rectangle has all adjacent sides perpendicular to each other. The answer is **B**.
- Choice D is correct.** (4.NBT.5) Break apart: $25 \times (20 + 8) = 500 + 200 = \mathbf{700}$ cookies.
- Choice C is correct.** (4.MD.5) From 12 to 9 going clockwise is three-quarters of the clock, which equals **270°**.
- 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 changes from 4 to 5, giving us **31,500**. ✓
- The correct answer is 84.** (4.OA.3) Two steps! Step 1: salt in all the pots: $9 \times 8 = 72$ tablespoons. Step 2: add the seasoning: $72 + 12 = \mathbf{84}$ tablespoons in total.
- Choice A is correct.** (4.MD.2) Diego's pencil is 24 cm and Ava's is 19 cm. Find the difference by subtracting: $24 - 19 = 5$ cm. The difference is **5** centimeters.
- Choice D is correct.** (4.OA.2) "4 times as many" is a multiplication signal. Kai has 4 groups of Aisha's 5 fish: $4 \times 5 = 20$ fish.
- Choice B is correct.** (4.MD.3) To find how much fencing goes around the garden, we calculate perimeter: $P = 2(9) + 2(5) = 18 + 10 = 28$ ft.
- Choice C is correct.** (4.NF.1) Equivalent fractions in disguise: $\frac{1}{5} = \frac{2}{10}$. Both ate the same amount of pizza.
- Choice B is correct.** (4.NF.4) The number line shows three equal jumps of $\frac{1}{5}$ each, landing at $\frac{3}{5}$. This matches $3 \times \frac{1}{5} = \frac{3}{5}$.
- Choice B is correct.** (4.MD.7) The water spray sweeps in two bursts. Add the angles: $96^\circ + 54^\circ = \mathbf{150^\circ}$.
- Choice C is correct.** (4.G.1) This angle opens wide — wider than a right angle but not as wide as a straight line. That makes it an obtuse angle, which is between 90° and 180° .
- Choice A is correct.** (4.NBT.6) Long division: $1 \div 6 = 0$ r1, bring down the 4 to get $14 \div 6 = 2$ r2, bring down the 2 to get $22 \div 6 = 3$ r4, bring down the 8 to get $48 \div 6 = 8$. The answer is **238**.
- Choice B is correct.** (4.MD.5) Ava's angle measures 100° , which means it contains **100** one-degree angles.
- Choice A is correct.** (4.NF.5) Compare the tenths place: $4 < 9$, so $0.49 < 0.94$. The cookie costs less.
- The correct answer is A, C.** (4.OA.1) Multiplicative comparisons use the words "times as many." Choice A (18 is 6 times as many as 3) and choice C (28 is 4 times as many as 7) both fit. Choices B, D, and E use "more" or "less," which are *additive* comparisons—not multiplicative.
- Choice A is correct.** (4.NBT.4) Marcus spends money from his total, so we subtract. $6,200 - 2,345 = \mathbf{3,855}$ dollars.
- The correct answer is 4.** (4.G.3) For any regular polygon, the number of lines of symmetry always equals the number of sides. So if it has 4 symmetry lines, it must have **4** sides (a square).
- Choice B is correct.** (4.NF.3) The recipe needs more flour than Noah has. Find the difference: $\frac{5}{4} - \frac{3}{4} = \frac{2}{4}$ cups more flour needed.
- Choice A is correct.** (4.MD.4) Count the occurrences: $\frac{1}{4}$ oz appears 3 times (the most!), $\frac{2}{4}$ oz once, and $\frac{3}{4}$ oz once. So $\frac{1}{4}$ oz has the tallest stack.
- Choice D is correct.** (4.NBT.1) In 1,289, the digit 8 is in the tens place. Its value is $8 \times 10 = \mathbf{80}$. ✓
- Choice B is correct.** (4.NF.4) We have 3 ribbon strips that are each $\frac{1}{2}$ yard long. We multiply: $3 \times \frac{1}{2} = \frac{3}{2} = 1\frac{1}{2}$ yards total.
- Choice A is correct.** (4.NF.4) For $3 \times \frac{2}{5}$, we need 3 bars, each divided into 5 parts with 2 parts shaded in each. Picture A shows three bars with two-fifths shaded in each bar. The answer is Picture A.
- Choice D is correct.** (4.NF.3) Mia used 9 out of 12 pieces, so the fraction is $\frac{9}{12}$. This breaks into unit fractions: $\frac{9}{12} = \underbrace{\frac{1}{12} + \frac{1}{12} + \dots + \frac{1}{12}}_{9 \text{ copies}}$.
- Choice B is correct.** (4.MD.5) An angle always has exactly **2** rays that start at a common endpoint.
- Choice B is correct.** (4.NF.4) The fraction $\frac{11}{12}$ tells us the numerator is 11 and the unit fraction is $\frac{1}{12}$. So we have 11 copies of $\frac{1}{12}$, or $11 \times \frac{1}{12}$.



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Lab Notes for a Young Scientist

Hi, Curious Scientist!

◇ 4 tests. So many experiments! You tested ideas. You watched what worked. You learned a lot. That's how scientists work—and how you work! ◇

★ **Scientists know:** mistakes are facts, not failures. Every problem you missed taught you something. You used those facts to do better next time. ★

Lab Results

- **Hypothesis:** CONFIRMED! Practice makes you better.
- **Method:** STRONG! You try, watch, and adjust.
- **Data:** CAREFUL! You read and copy numbers right.
- **Conclusion:** READY! You can do this test.

Scientist tip: on test day, stay curious. Ask, "What is this asking?" Then experiment with your math tools. You will find the answer!

If you want to share something or ask a question, please email me at jay@testinar.com.

Jay Daie

Your Math Scientist

PRACTICE TODAY, SUCCEED TOMORROW!

This **Grade 4 Math Practice Tests** book is the perfect tool to help students build strong math skills, master key concepts, and gain the confidence they need to excel.

With 4 full-length practice tests, a variety of question types, and detailed answer explanations, students get the review and practice they need to strengthen problem-solving skills and achieve their best.

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

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Stronger Math Skills

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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.



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 & Decimals
- ✓ Geometry & Measurement
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- ✓ Perimeter & Area
- ✓ Patterns & Algebraic Thinking
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