

3

California CAASPP

GRADE 4

MATH PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



**5 FULL-LENGTH
PRACTICE TESTS**



**STANDARDS-ALIGNED
REVIEW**



**MIXED PRACTICE
QUESTIONS**



**ANSWER KEY
INCLUDED**

$$a^2 + b^2 = c^2$$

$$\frac{3}{4}$$



3 California CAASPP Grade 4 Math Practice Tests

Standards-Aligned Practice for Stronger Math Skills and Test Readiness



Three 30-question trail tests packed with Grade 4 review, California CAASPP strategy tips, answer keys, and step-by-step explanations that turn every miss into the next move.

Jay Daie and Reza Nazari



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Welcome, California Math Explorer!

Three steady rounds on the Golden State math route

This book gives you three full Grade 3 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?

Three tests, 90 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 1–3	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 1–3	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) Priya has 3 coins. Her brother has 5 times as many coins. How many coins does her brother have?

A. 3

C. 5

B. 8

D. 15

2) Dakota has 32 beads. Dakota has 4 times as many beads as Ryan. How many beads does Ryan have?

3) Which number is divisible by 3?

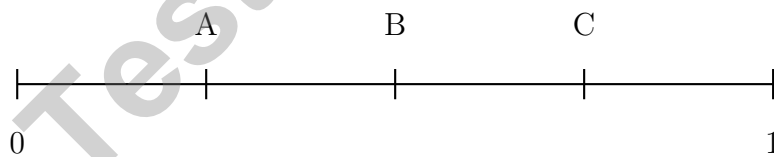
A. 37

C. 57

B. 44

D. 62

4) Where does 0.5 belong on this number line?



A. At mark A

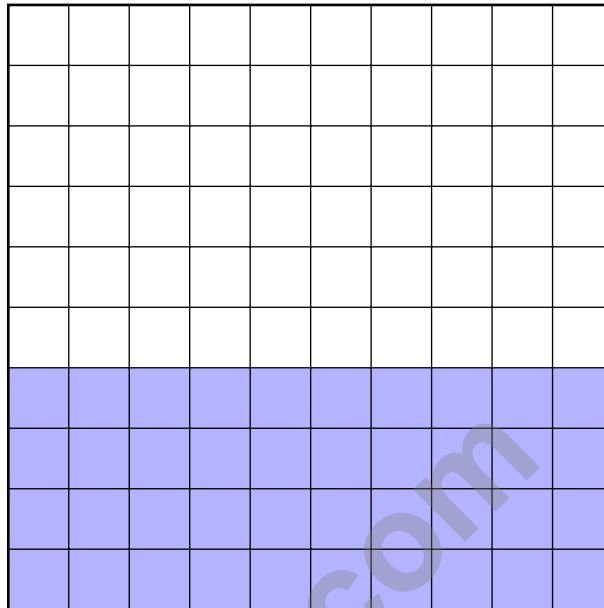
C. At mark C

B. At mark B

D. Beyond mark C



5) Look at the grid below. The shaded squares represent a fraction.



Which fraction and decimal both represent the shaded amount?

- A. $\frac{4}{10}$ and 0.04 C. $\frac{4}{100}$ and 0.4
 B. $\frac{40}{100}$ and 0.4 D. $\frac{40}{10}$ and 4.0

6) Look at the place-value chart. Which digit, when moved to the thousands place, would have a value of 5,000?

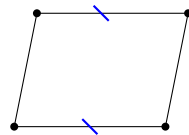
Thousands	Hundreds	Tens	Ones
2	5	7	9

- A. The 2 C. The 7
 B. The 9 D. The 5



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7) Look at this quadrilateral with marked sides. How many sides are equal?



Marked sides

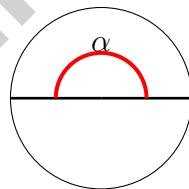
- A. One side C. Three sides
 B. Two sides D. Four sides

8) A shop owner buys 5 bottles of cleaner, with 12 fluid ounces in each bottle. How many fluid ounces of cleaner does he buy?

- A. 17 fl oz C. 65 fl oz
 B. 60 fl oz D. 72 fl oz

9) What is $2 \times \frac{2}{5}$?

- A. $\frac{2}{10}$ C. $\frac{4}{5}$
 B. $\frac{4}{10}$ D. $\frac{2}{7}$



10)

The angle α shown above represents what fraction of a full turn?

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



1) Which equation shows that 24 is 6 times as many as 4?

A. $24 + 4 = 28$

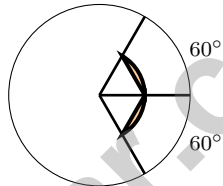
C. $24 = 6 \times 4$

B. $24 - 4 = 20$

D. $24 \div 4 = 9$

2) How many unit fractions of $\frac{1}{9}$ make $\frac{5}{9}$?

3)



Two equal 60° angles are shown. How many more such angles are needed to complete the full circle?

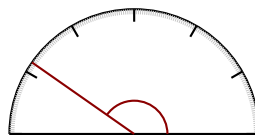
A. 2

C. 6

B. 4

D. 8

4)



What is the measure of this obtuse angle?

A. 145 degrees

C. 155 degrees

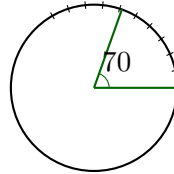
B. 135 degrees

D. 125 degrees



5) Ava has two bags of stickers. One bag has 4 stickers out of 8 total. The other bag has 2 stickers out of 4 total. Are the fractions of stickers equivalent?

- A. Yes, both are $\frac{1}{2}$
 C. No, the fractions are different
 B. Yes, both are $\frac{1}{4}$
 D. Cannot be determined



6)

The angle shown measures 70 degrees. How many one-degree angles is this?

- A. 35 one-degree angles
 C. 140 one-degree angles
 B. 70 one-degree angles
 D. 7 one-degree angles

7) Complete the table using the rule “multiply by 3”:

Input	1	2	3	4	5
Output	3	6	9	?	?

8) Which is a multiple of $\frac{2}{8}$?

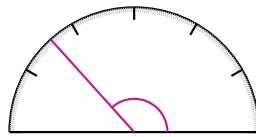
- A. $\frac{4}{8}$
 C. $\frac{5}{8}$
 B. $\frac{3}{8}$
 D. $\frac{1}{8}$



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- 1) Hassan ate $\frac{2}{6}$ of a pizza and Iris ate $\frac{1}{3}$ of an identical pizza. Who ate more, or did they eat the same amount?

2)



What is the measure of this angle?

- A. 120 degrees C. 140 degrees
 B. 132 degrees D. 128 degrees
- 3) Two rays form an angle with a measure of 80° . If one part of the angle is 32° , what is the measure of the other part?
- A. 48° C. 112°
 B. 50° D. 35°
- 4) The rule is “add 7.” If the first term is 5, what is the third term?
- A. 12 C. 22
 B. 26 D. 19



5) Add: $12,345 + 23,456 = ?$

A. 35,701

C. 35,711

B. 36,801

D. 35,801

6) Which decimal represents $\frac{60}{100}$?

A. 0.06

C. 6.0

B. 0.6

D. 0.66

7) Write $2\frac{5}{6}$ as an improper fraction.

8) What is $2 \times \frac{3}{4}$?

A. $\frac{6}{4}$ or $1\frac{1}{2}$

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

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

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

9) Which shape can be described as having four equal sides, two pairs of parallel sides, and four right angles?

A. Trapezoid

C. Square

B. Rhombus

D. Rectangle

10) Noah baked cookies and ate $\frac{2}{6}$ of them. His sister ate $\frac{3}{6}$. How many cookies were eaten?

A. $\frac{5}{12}$ of the cookies

C. $\frac{1}{6}$ of the cookies

B. $\frac{5}{6}$ of the cookies

D. All cookies



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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 D is correct.** (4.OA.1) “5 times as many” tells us to multiply. Priya’s brother has $3 \times 5 = 15$ coins.
- The correct answer is 8.** (4.OA.2) Dakota’s 32 beads are 4 times Ryan’s amount. To find Ryan’s, divide: $32 \div 4 = 8$ beads.
- Choice C is correct.** (4.OA.4) Divisibility rule for 3: *add the digits*; if the sum divides by 3, the number does too. For 57: $5 + 7 = 12$, and $12 \div 3 = 4$. So $57 \div 3 = 19$. The others fail the digit-sum test: $37 \rightarrow 10$, $44 \rightarrow 8$, $62 \rightarrow 8$.
- Choice B is correct.** (4.NF.5) 0.5 represents half. The number line goes from 0 to 1, so 0.5 sits exactly in the middle at mark B.
- Choice B is correct.** (4.NF.5) The grid shows 40 shaded squares out of 100 total. This is $\frac{40}{100} = \frac{4}{10} = 0.4$.
- Choice D is correct.** (4.NBT.1) From the chart, the digit 5 is in the hundreds place. If moved to the thousands place, its value becomes $5 \times 1,000 = 5,000$. Answer: The **5**. ✓
- Choice B is correct.** (4.G.2) Tick marks indicate which sides are equal. The two sides marked with the same tick marks are equal in length. The answer is **B**.
- Choice B is correct.** (4.MD.2) Each bottle holds 12 fl oz. He buys 5 bottles, so multiply: $5 \times 12 = 60$ fl oz. He buys **60** fluid ounces total.
- Choice C is correct.** (4.NF.4) We take 2 copies of $\frac{2}{5}$. Multiply: $2 \times \frac{2}{5} = \frac{2 \times 2}{5} = \frac{4}{5}$. The answer is $\frac{4}{5}$.
- Choice C is correct.** (4.MD.5) The shaded arc stretches across a straight line (from one side of the circle to the other), which is $\frac{1}{2}$ of a full turn or 180° .
- Choice C is correct.** (4.NF.3) To reach $\frac{6}{10}$ with hops of $\frac{1}{10}$, we count: each hop is one unit fraction, and we need 6 copies to equal $\frac{6}{10}$. So **6** hops gets us there!
- Choice A is correct.** (4.NF.4) We need to add 5 unit fractions of $\frac{1}{6}$ each. This means $5 \times \frac{1}{6} = \frac{5}{6}$.
- The correct answer is $2\frac{6}{8}$.** (4.NF.3) Since $\frac{5}{8} < \frac{7}{8}$, regroup: $6\frac{5}{8} = 5\frac{13}{8}$. Then subtract: $5\frac{13}{8} - 3\frac{7}{8} = 2\frac{6}{8}$.
- Choice C is correct.** (4.G.3) An equilateral triangle has three equal sides and three equal angles, so it’s balanced three ways. Each line goes from a corner to the middle of the opposite side. The answer is **3** lines of symmetry.
- The correct answer is A, C.** (4.NF.4) A counts by halves: $\frac{2}{2} = 2 \times \frac{1}{2}$ checkmark. C counts by halves: $\frac{3}{2} = 3 \times \frac{1}{2}$ checkmark. The others don’t fit.
- Choice B is correct.** (4.NF.4) Eight muffins, each using $\frac{1}{5}$ cup of sugar, need $8 \times \frac{1}{5} = \frac{8}{5}$ cups of sugar.
- Choice D is correct.** (4.MD.6) The ray points to the 160° mark, which is very close to the 180° straight angle. At 160° , this is a wide obtuse angle. The answer is **160** degrees.
- Choice B is correct.** (4.NF.3) The pie chart shows three slices: yellow ($\frac{3}{12}$), orange ($\frac{4}{12}$), and red ($\frac{5}{12}$). Add them all: $3 + 4 + 5 = 12$ twelfths = **1** whole pie.
- Choice D is correct.** (4.NBT.5) The standard algorithm: multiply by ones ($37 \times 6 = 222$), then by tens ($37 \times 20 = 740$), then add ($222 + 740 = 962$). Choice D shows all three numbers.
- Choice B is correct.** (4.NF.5) Compare tenths: $7 > 4$. Among the two with tenths = 7, compare hundredths: $7 > 4$, so $0.77 > 0.74$. Among the two with tenths = 4, compare hundredths: $7 > 4$, so $0.47 > 0.44$.
- Choice D is correct.** (4.MD.1) Since 1 foot = 12 inches, multiply: $4 \times 12 = 48$ inches. The answer is **48** inches.
- The correct answer is 75.** (4.MD.7) The ray splits the angle into two parts. Subtract to find the missing part: $143^\circ - 68^\circ = 75^\circ$.
- Choice B is correct.** (4.MD.5) An angle always has exactly **2** rays that form its sides.
- Choice A is correct.** (4.NBT.4) Add by place value: ones $5 + 4 = 9$, tens $8 + 1 = 9$, hundreds $2 + 5 = 7$, thousands $7 + 1 = 8$. The sum is **8,799**.
- Choice B is correct.** (4.MD.5) A 35° angle is made of **35** one-degree angles.
- Choice D is correct.** (4.OA.3) Three steps! Step 1: total plants: $20 + 15 = 35$. Step 2: subtract the dead plants: $35 - 5 = 30$ plants. Step 3: multiply by fruit per plant: $30 \times 12 = 360$ fruits expected.
- Choice A is correct.** (4.NF.3) The frog makes three equal-sized jumps to $\frac{9}{10}$. Each jump: $\frac{3}{10}$, because $3 + 3 + 3 = 9$ ✓.



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A Quiet Word From Your Mentor

Hi, Thoughtful Student,

◇ I want to take a moment to tell you something true: you did excellent work. 3 practice tests is a real promise that you kept to yourself. That matters. ◇

★ **Mentors notice:** growth is quiet. It doesn't shout. But it shows up in how you handle a problem today vs how you did weeks ago. That growth is your real prize. ★

What I See in You

- **Hard Work:** You don't quit when problems are tough.
- **Curiosity:** You wonder why and how.
- **Kindness:** You are patient with yourself.
- **Brave Heart:** You try things that scare you.

Mentor's note: on test day, treat yourself like you would a friend. Be kind. Be patient. Be encouraging. The skills are inside you!

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

Jay Daie

Your Math Mentor

PRACTICE TODAY. SUCCEED TOMORROW!

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

With 3 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.

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

PERFECT FOR:

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- ✓ Homework & Review
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- ✓ Skill Reinforcement
- ✓ Confidence Building

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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.



Prepare for Success

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

TOPICS COVERED

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- ✓ Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Decimals
- ✓ Measurement & Data
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