

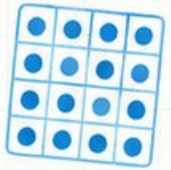
10

$$7 \times 8 = 56$$

$$\begin{array}{r} 32 \\ \times 6 \\ \hline 192 \end{array}$$



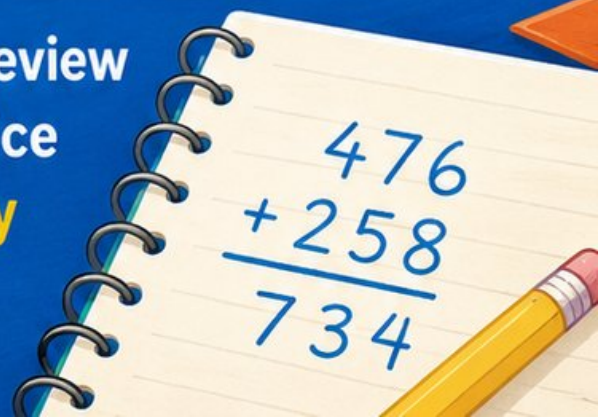
$$\frac{3}{4}$$



California CAASPP GRADE 4 MATH

PRACTICE TESTS

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



10 California CAASPP Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Ten 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!

Ten steady rounds on the Golden State math route

This book gives you ten 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?

Ten tests, 300 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.
Test 10	Final round to show growth across the whole California book.
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) Mia says $\frac{5}{100} = 0.5$. Is this correct?

A. Yes, both equal 0.5

C. No, $\frac{5}{100} = 5.0$

B. No, $\frac{5}{100} = 0.05$

D. No, $\frac{5}{100} = 0.005$

2) Which list shows consecutive multiples of 5 starting at 5?

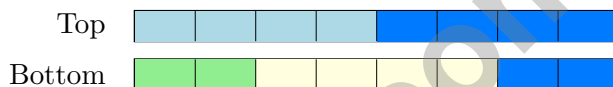
A. 5, 10, 15, 20, 25

C. 5, 10, 15, 20, 30

B. 5, 15, 20, 35, 40

D. 10, 20, 30, 40, 50

3) A student draws two bars showing $\frac{8}{8}$:



Which decomposition does the top bar show?

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

C. $\frac{1}{8} + \frac{7}{8}$

B. $\frac{2}{8} + \frac{2}{8} + \frac{2}{8} + \frac{2}{8}$

D. $\frac{3}{8} + \frac{5}{8}$

4) Carmen ate $\frac{3}{8}$ of a pizza. Her brother ate $\frac{2}{8}$ of the same pizza. What fraction of the pizza did they eat altogether?

A. $\frac{1}{8}$

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

B. $\frac{5}{8}$

D. $\frac{5}{16}$

5) Point T is between points R and S . If $RT = 5$ and $TS = 7$, what is RS ?

- 6) Noah measured an angle and found it has 75 one-degree angles. What is the measure of the angle?
- A. 75° C. 7.5°
 B. 150° D. 750°
- 7) An angle is formed by two rays. If the angle measures 165° and one part is 92° , what is the measure of the other part?
- A. 73° C. 92°
 B. 257° D. 100°
- 8) A farmer has 7 chickens. She has 5 times as many ducks. How many more ducks than chickens?
- A. 12 C. 5
 B. 35 D. 28
- 9) Gia has 27 stickers. Her friend gives her 18 more. They share all stickers equally. If they split into 3 groups, how many stickers are in each group?
- A. 12 C. 18
 B. 13 D. 15
- 10) Order from greatest to least: 0.35, 0.53, 0.33, 0.55.
- A. 0.55, 0.53, 0.35, 0.33 C. 0.35, 0.33, 0.53, 0.55
 B. 0.53, 0.55, 0.33, 0.35 D. 0.55, 0.35, 0.53, 0.33



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- 11) On a line plot with eighths, there are 1 X mark at $\frac{1}{8}$, 2 X marks at $\frac{3}{8}$, and 3 X marks at $\frac{5}{8}$. How many total X marks are shown?

- 12) What is $\frac{6}{10} + \frac{20}{100}$?

A. $\frac{26}{100}$

B. $\frac{80}{100}$

C. $\frac{26}{110}$

D. $\frac{62}{100}$

- 13) Sam runs 3 miles to get to the park. How many feet is this?

A. 528

B. 1,584

C. 5,280

D. 15,840

- 14) Look at the base-ten model below. What number does it represent?



A. 6,142

B. 4,612

C. 1,462

D. 4,162

- 15) One batch of a recipe uses $\frac{2}{5}$ cup of flour. If you make 3 batches, how much flour do you use?

A. $\frac{2}{15}$ cup

B. $\frac{6}{5}$ cups (or $1\frac{1}{5}$ cups)

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

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

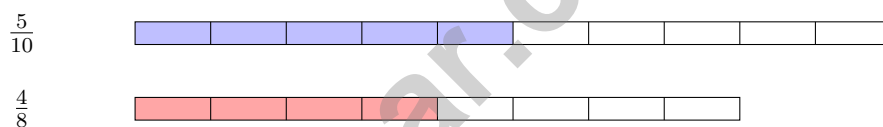


1) Multiply 7×314 using the standard algorithm or partial products.

2) If a digit is in the thousands place, and another identical digit is in the ones place, how many times greater is the value of the thousands digit?

- A. 10 C. 1,000
 B. 100 D. 10,000

3) Based on the bars, which comparison is correct?



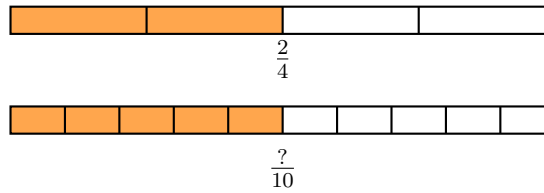
- A. $\frac{5}{10} < \frac{4}{8}$ C. $\frac{5}{10} = \frac{4}{8}$
 B. $\frac{5}{10} > \frac{4}{8}$ D. Cannot determine

4) Which diagram shows two lines that will eventually intersect?



- A. Diagram A C. Diagram C
 B. Diagram B D. Diagram D

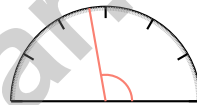
5) Look at the two fraction strips. Both strips are the same length.



What number replaces the question mark?

- A. 3
 - B. 4
 - C. 5
 - D. 6
- 6) Which comparison is correct?
- A. $456,200 > 456,300$
 - B. $345,678 < 345,667$
 - C. $189,450 = 189,451$
 - D. $234,567 < 234,576$

7)



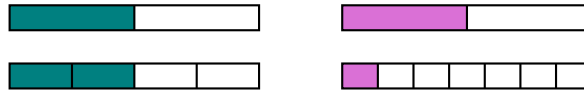
Ming measures an angle and the measurement is just past 90 degrees. Which classification is correct?

- A. Obtuse angle
 - B. Right angle
 - C. Acute angle
 - D. Straight angle
- 8) Which decimal is greatest?
- A. 0.48
 - B. 0.84
 - C. 0.44
 - D. 0.41



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1) Which picture shows $\frac{1}{2}$ and $\frac{2}{4}$ are equivalent?



A: $\frac{1}{2}$ and $\frac{2}{4}$

B: $\frac{1}{2}$ and $\frac{1}{7}$

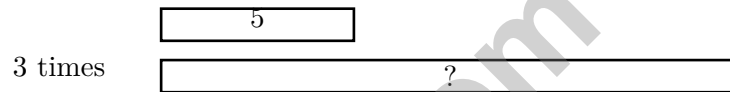
A. Picture A

C. Both pictures

B. Picture B

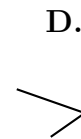
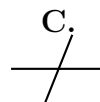
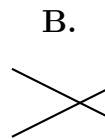
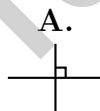
D. Neither picture

2)



Harper collected 5 seashells. Jackson collected 3 times as many seashells as Harper. How many seashells did Jackson collect?

3) Which diagram shows two perpendicular lines?



A. Diagram A

C. Diagram C

B. Diagram B

D. Diagram D

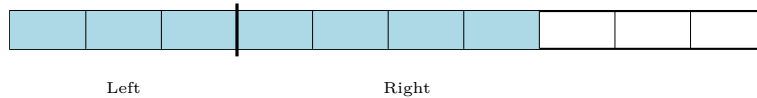


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4) Mia measures a piece of string as 8 decimeters long. How many centimeters is this?

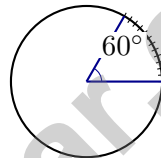
- A. 0.8 C. 80
 B. 8 D. 800

5) A student drew this bar to show $\frac{7}{10}$:



The line splits this into two parts. Which decomposition is shown?

- A. $\frac{3}{10} + \frac{4}{10}$ C. $\frac{4}{10} + \frac{2}{10}$
 B. $\frac{2}{10} + \frac{5}{10}$ D. $\frac{1}{10} + \frac{6}{10}$



6)

Mia's angle measures 60 degrees. How many one-degree angle units make up this angle?

- A. 6 units C. 60 units
 B. 30 units D. 120 units

7) Jayden read $2\frac{1}{8}$ chapters in the morning, $3\frac{4}{8}$ chapters in the afternoon, and $1\frac{2}{8}$ chapters in the evening. How many chapters did he read in total?

- A. $6\frac{7}{8}$ chapters C. $6\frac{5}{8}$ chapters
 B. $6\frac{6}{8}$ chapters D. $7\frac{1}{8}$ chapters



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) **Choice B is correct.** **(4.NF.5)** Mia made a common mistake. $\frac{5}{100} = 0.05$ (five hundredths), not 0.5. The fraction $\frac{5}{10}$ (five tenths) equals 0.5.
- 2) **Choice A is correct.** **(4.OA.4)** Multiples of 5 are what you get when you skip-count by 5: 5, 10, 15, 20, 25, ... Choice A counts in order with no skips. Choice B jumps 10 → 20 → 35 (gaps); choice C jumps over 25; choice D starts at 10 instead of 5.
- 3) **Choice A is correct.** **(4.NF.3)** The top bar has two equal colors: light is $\frac{4}{8}$ and dark is $\frac{4}{8}$. Together: $4 + 4 = 8$, giving $\frac{8}{8} \checkmark$.
- 4) **Choice B is correct.** **(4.NF.3)** They both ate pieces from the same pizza! Add them with like denominators: $\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$ of the pizza altogether.
- 5) **The correct answer is 12.** **(4.G.1)** Since T is between R and S , add the pieces: $RS = RT + TS = 5 + 7 = 12$.
- 6) **Choice A is correct.** **(4.MD.5)** Since the angle turns through 75 one-degree angles, it measures 75° .
- 7) **Choice A is correct.** **(4.MD.7)** The angle is split into two parts. Subtract to find the missing one: $165^\circ - 92^\circ = 73^\circ$.
- 8) **Choice D is correct.** **(4.OA.1)** Step 1: find the ducks: $7 \times 5 = 35$. Step 2: “how many *more*” is a subtraction: $35 - 7 = 28$. The farmer has **28** more ducks than chickens.
- 9) **Choice D is correct.** **(4.OA.3)** Two steps! Step 1: combine the stickers: $27 + 18 = 45$. Step 2: split into 3 equal groups: $45 \div 3 = 15$ stickers per group.
- 10) **Choice A is correct.** **(4.NF.5)** Compare tenths: $5 > 3$. Among the two with tenths = 5, compare hundredths: $5 > 3$, so $0.55 > 0.53$. Among the two with tenths = 3, compare hundredths: $5 > 3$, so $0.35 > 0.33$.
- 11) **The correct answer is 6.** **(4.MD.4)** Add up all the X marks: $1 + 2 + 3 = 6$ X marks in total.
- 12) **Choice B is correct.** **(4.NF.5)** First, convert $\frac{6}{10}$ to hundredths: $\frac{6}{10} = \frac{60}{100}$. Then add: $\frac{60}{100} + \frac{20}{100} = \frac{80}{100}$.
- 13) **Choice D is correct.** **(4.MD.1)** Since 1 mile = 5,280 feet, multiply: $3 \times 5,280 = 15,840$ feet. The answer is **15,840** feet.
- 14) **Choice D is correct.** **(4.NBT.1)** Count the blocks: 4 thousands, 1 hundreds, 6 tens, 2 ones. Add them: $4,000 + 100 + 60 + 2 = 4,162$. \checkmark
- 15) **Choice B is correct.** **(4.NF.4)** Making 3 batches, each using $\frac{2}{5}$ cup of flour, means we multiply: $3 \times \frac{2}{5} = \frac{6}{5}$ cups.
- 16) **The correct answer is A, C.** **(4.NF.4)** A checkmark: three bars, each $\frac{1}{5}$, total $\frac{3}{5}$. C checkmark: three fifths reached by hops. B uses fourths (wrong). D and E show only one fifth (not three).
- 17) **Choice B is correct.** **(4.NF.4)** On the number line, we make 4 jumps of $\frac{1}{4}$ each, starting at 0 and landing at 1. So $4 \times \frac{1}{4} = \frac{4}{4} = 1$. The answer is **1**.
- 18) **Choice C is correct.** **(4.NBT.5)** Use partial products: $2 \times (600 + 70 + 2) = 1200 + 140 + 4 = 1344$.
- 19) **Choice B is correct.** **(4.MD.3)** The perimeter of the poster is $P = 2(11) + 2(8) = 22 + 16 = 38$ in.
- 20) **Choice C is correct.** **(4.MD.5)** The vertex is the point where two rays meet to form an angle.
- 21) **The correct answer is 6.** **(4.NF.3)** $\frac{6}{7}$ means 6 equal pieces, each $\frac{1}{7}$. So the answer is **6** unit fractions of $\frac{1}{7}$.
- 22) **Choice C is correct.** **(4.MD.2)** Step 1: Sugar weight: $5 \times 3 = 15$ kg. Step 2: Salt weight: $3 \times 2 = 6$ kg. Step 3: Total: $15 + 6 = 21$ kg. The total weight is **21** kg.
- 23) **Choice B is correct.** **(4.MD.6)** Ava’s reading of about 85° is less than 90° , which makes it acute—even though it’s close to a right angle. Remember: a right angle must be exactly 90° , not just close. The answer is acute.
- 24) **Choice B is correct.** **(4.MD.5)** The diagram shows a right angle between horizontal and vertical rays. The measure is 90° .
- 25) **Choice B is correct.** **(4.NF.1)** Convert to twelfths: $\frac{1}{6} = \frac{2}{12}$, $\frac{5}{12} = \frac{5}{12}$, $\frac{1}{2} = \frac{6}{12}$. Since $2 < 5 < 6$, the order is $\frac{1}{6}$, $\frac{5}{12}$, $\frac{1}{2}$.
- 26) **Choice D is correct.** **(4.NF.3)** Add the wholes: $1 + 2 = 3$. Add the fractions: $\frac{5}{6} + \frac{1}{6} = \frac{6}{6} = 1$. Combine: $3 + 1 = 4$.
- 27) **Choice D is correct.** **(4.NBT.3)** We’re rounding to the nearest thousand. Look at the hundreds digit: 5. Since $5 \geq 5$, we round UP! The thousands digit changes from 3 to 4, giving us **24,000**. \checkmark
- 28) **Choice A is correct.** **(4.NF.3)** When subtracting with like denominators, just subtract the numerators: $8 - 5 = 3$. Answer: $\frac{3}{10}$.



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★ **Trainers know:** muscle memory is real. The more you practice, the more your brain knows what to do without thinking. You built that muscle memory! ★

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Trainer tip: on test day, drink water, breathe deeply, and warm up with the easier questions first. Your training will carry you the rest of the way!

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

Jay Daie

Your Math Trainer

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