

9

California CAASPP

GRADE 3 MATH PRACTICE TESTS

COMPLETE STANDARDS REVIEW WITH SKILL PRACTICE,
WORD PROBLEMS, AND ANSWER KEY

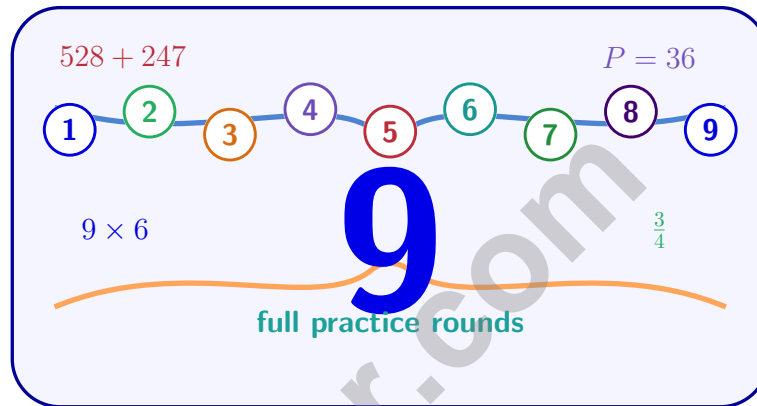


10

FOR THE COMPREHENSIVE ASSESSMENT PROGRAM

9 California CAASPP Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Nine complete 30-question Grade 3 practice rounds with operations, fractions, measurement, data, area, shapes, answer keys, and clear explanations for every item.

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California, Start Your Nine-Round Math Rally

A calm Grade 3 path from first try to confident finish

This book gives you nine chances to practice like a thoughtful California CAASPP test taker. Each round mixes numbers, shapes, fractions, data, measurement, and word problems so your brain learns to switch skills calmly.

California has redwood groves, Pacific beaches, valley farms, city grids, and science labs, where careful steps matter. Strong math follows that same idea: solve what the question asks, choose a useful tool, show the work, and check before moving on.

Your California Math Promise

I will slow down enough to understand the question. I will show the work that helps me think. I will use mistakes as practice fuel, then try again with a sharper plan.

Nine rounds is not about rushing. It is about building a math habit that stays strong.

How to Use This Book

A nine-session routine for clear California review

1. **Warm up first.** Read the quick review pages and remind yourself of the big ideas.
2. **Take one test at a time.** Work without rushing. Circle words, sketch models, and label units.
3. **Check the answer key.** Mark correct answers, then star questions that need another look.
4. **Read explanations after trying again.** The explanation works best after your brain has wrestled with the problem.
5. **Use the growth log.** Track the score, one strong habit, and one skill to practice next.

Good rhythm: Test one day, review the next day, then take the next test when your corrections feel clear. In California, that steady routine turns nine tests into one organized prep plan.



What Is Inside the Nine Tests?

Mixed Grade 3 practice with CAASPP support

Part	What You Practice
Nine full tests	30 mixed Grade 3 questions in each round
Question styles	Multiple choice, select-all, and open-ended work spaces
Math topics	Operations, patterns, rounding, fractions, measurement, data, area, perimeter, and shapes
Answer support	Compact answer keys plus explanations for every item
Standards help	A California standards reference and standard-code boxes in explanations

Why mixed practice helps: Real tests do not announce the next skill. These nine rounds help students recognize the math move they need, even when the topic changes from question to question.

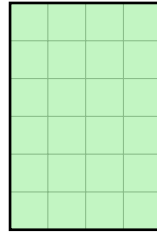


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5) This grid shows a rectangle made of unit squares.



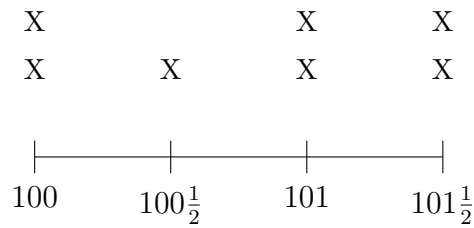
What is the area in square units?

- A. 10 sq units
- B. 18 sq units
- C. 24 sq units
- D. 28 sq units
- 6) Mia and Ava share identical pizzas. Mia eats $\frac{2}{8}$ of hers. Ava eats $\frac{1}{4}$ of hers. Who eats more?
- A. Mia eats more.
- B. Ava eats more.
- C. They eat the same amount.
- D. Cannot tell.
- 7) Look at this addition: $265 + 218 = 475$. Is this correct or incorrect?
- A. Correct
- B. Incorrect; the answer should be 485
- C. Incorrect; the answer should be 473
- D. Incorrect; the answer should be 483
- 8) What is 4×50 ?



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9) A line plot shows notebook page counts: 100 , $100\frac{1}{2}$, 101 , $101\frac{1}{2}$.



If we remove 1 notebook with 100 pages, how many notebooks remain?

- A. 5 C. 7
 B. 6 D. 8

10) A unit square measures 1 foot by 1 foot. Sam needs to cover a floor that is 5 feet long and 4 feet wide. How many unit squares (tiles) does he need?



11) A piece of paper is shaped like a rectangle 9 inches long and 1 inch wide. Another piece is a square 3 inches on each side. Which paper covers more area?

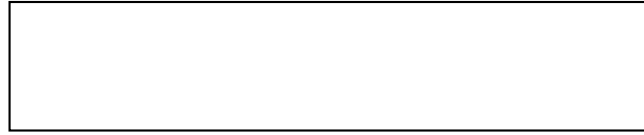
- A. The long, thin rectangle C. They cover the same area
 B. The square D. Need to measure with a ruler

12) Which fraction equals the whole number 2?

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



2 cm



1)

10 cm

What is the area of this long, narrow rectangle?

- A. 12 sq cm C. 24 sq cm
 B. 20 sq cm D. 40 sq cm

2) What is 145 rounded to the nearest 100?

- A. 100 C. 150
 B. 140 D. 200

3) Lily has 20 stickers. She puts them in packs of 4 stickers each. How many packs can she make?

- A. 4 C. 16
 B. 6 D. 5

4) Which shape is always a rhombus, but NOT always a square?

- A. Rectangle C. Trapezoid
 B. Rhombus with angles that are not right angles D. Pentagon

5) Which expression shows the same product as 2×9 ?

- A. 11 objects in a row C. 9×9
 B. $2 + 9$ D. 9×2



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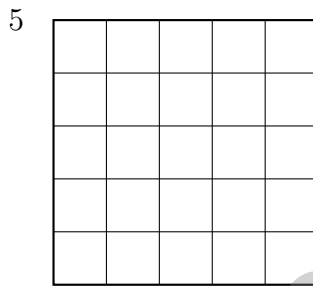
6) Which bar shows 3 wholes using the fraction $\frac{6}{2}$?



- A. Yes, it shows 3 wholes C. No, it shows 6 wholes
 B. No, it shows 2 wholes D. No, it shows 1 whole

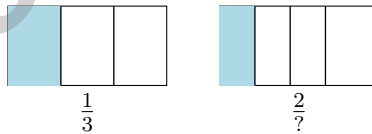
7)

This square is tiled with unit squares. How many are there?



- A. 10 C. 25
 B. 20 D. 55

8) Look at the area models. $\frac{1}{3} = \frac{2}{?}$. What is the missing denominator?



- A. 4 C. 8
 B. 6 D. 10

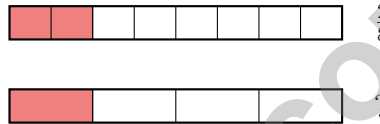
1) What is 7×9 ?

- A. 56 C. 70
 B. 63 D. 81

2) A rectangular piece of paper is 9 inches long and 5 inches wide. How much area does the paper cover?

- A. 14 sq in C. 45 sq in
 B. 28 sq in D. 90 sq in

3) Which fraction is equivalent to $\frac{2}{8}$?



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

4) A line plot displays pencil masses in grams: $7, 7\frac{1}{2}, 8, 8\frac{1}{2}$. The X counts are: 2 at 7 grams, 3 at $7\frac{1}{2}$ grams, 2 at 8 grams, and 1 at $8\frac{1}{2}$ grams. How many pencils are there altogether?

- A. 6 C. 8
 B. 7 D. 9

5) Ben starts his chores at 3 : 14 PM. He finishes at 3 : 56 PM. How long does Ben do chores?

- A. 38 minutes C. 42 minutes
 B. 40 minutes D. 45 minutes



6) Lily collects 9 marbles and her friend collects 6 marbles. They put the marbles together and split them into 3 equal groups. How many marbles are in each group?

A. 3

C. 9

B. 5

D. 15

7) Eli is filling a rectangular mat with colored unit square patches. The mat measures 11 units by 3 units. How many patches will he need?

A. 14 patches

C. 33 patches

B. 27 patches

D. 44 patches

8) Eli has 24 marbles. He makes 6 equal piles. How many marbles are in each pile?

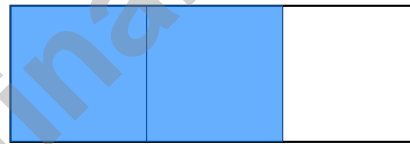
A. 3

C. 5

B. 6

D. 4

9) A rectangle is divided into 3 equal parts. If $\frac{2}{3}$ is shaded, how many parts are shaded?



A. 1 part

C. 3 parts

B. 2 parts

D. 0 parts

10) Ben ate $\frac{1}{4}$ of a sandwich. Mia ate $\frac{1}{2}$ of a sandwich of the same size. Who ate more?

A. Ben ($4 > 2$, so fourths are more)

D. Cannot tell without knowing the sandwich size

B. Mia

C. They ate the same amount



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Practice Test Answer Keys

How to use this section with a Grade 3 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 A is correct.** **(3.MD.2)** $10 \text{ kg} = 10000 \text{ g}$, which is more than 3000 g.
- 2) **Choice D is correct.** **(3.MD.8)** $\text{Area} = \text{length} \times \text{width} = 8 \times 3 = 24$ square feet.
- 3) **Choice A is correct.** **(3.OA.8)** Step 1: Subtract donated: $75 - 15 = 60$ figures. Step 2: Divide into boxes: $60 \div 12 = 5$ figures per box. (Choice D is step 1 only.)
- 4) **Choice A is correct.** **(3.NF.2)** At 2.5 on fourths: $\frac{10}{4}$. At 3.5 on fourths: $\frac{14}{4}$.
- 5) **Choice C is correct.** **(3.MD.6)** 4 units wide \times 6 units tall = 24 unit squares.
- 6) **Choice C is correct.** **(3.NF.2)** $\frac{2}{8} = \frac{1}{4}$. Both eat one-quarter of their pizza.
- 7) **Choice D is correct.** **(3.NBT.2)** Ones: $5 + 8 = 13$ (write 3, carry 1). Tens: $6 + 1 + 1 = 8$. Hundreds: $2 + 2 = 4$. Correct answer is 483, not 475.
- 8) **The correct answer is 200.** **(3.NBT.3)** Multiply $4 \times 5 = 20$, then add one zero: $4 \times 50 = 200$.
- 9) **Choice B is correct.** **(3.MD.4)** Total: $2 + 1 + 2 + 2 = 7$ notebooks. Remove 1 with 100 pages: $7 - 1 = 6$ remain.
- 10) **The correct answer is 20 unit squares.** **(3.MD.6)** Multiply length by width: $5 \text{ ft} \times 4 \text{ ft} = 20$ square feet, which equals 20 unit squares of 1 ft each.
- 11) **Choice C is correct.** **(3.MD.5)** Rectangle: $9 \times 1 = 9$ square inches. Square: $3 \times 3 = 9$ square inches. Shape doesn't matter; area is what counts.
- 12) **Choice C is correct.** **(3.G.2)** 2 equals $\frac{2}{1}$ (two wholes divided into one part each).
- 13) **Choice D is correct.** **(3.OA.4)** Multiply: $8 \times 4 = 32$ chairs.
- 14) **Choice C is correct.** **(3.MD.5)** One part: $10 \times 2 = 20$ sq units. Other part: $4 \times 3 = 12$ sq units. Total: $20 + 12 = 32$ sq units.
- 15) **Choices A and B are correct.** **(3.NF.1)** With denominator 4, there are exactly 4 equal parts (A). The first tick is at $\frac{1}{4}$ (B). The second tick is $\frac{2}{4}$, not $\frac{3}{4}$, so C is false. D is false because there are 4 parts, and E is false because $\frac{1}{4} < \frac{1}{2}$.
- 16) **The correct answer is 2.** **(3.NF.1)** $\frac{1}{2} + \frac{1}{2} = 1$, so 2 halves make one whole.
- 17) **Choice D is correct.** **(3.OA.2)** $15 \div 3 = 5$ because $3 \times 5 = 15$. There are 5 groups of 3 in 15, not 4.
- 18) **Choice A is correct.** **(3.MD.7)** $(2 \times 6) + (2 \times 3) = 12 + 6 = 18$ or $2 \times (6 + 3) = 2 \times 9 = 18$.
- 19) **Choice D is correct.** **(3.OA.7)** $6 \times 7 = 42$. You can count by 7s: 7, 14, 21, 28, 35, 42.
- 20) **Choice C is correct.** **(3.NF.3)** $\frac{2}{4}$ and $\frac{1}{2}$ both equal half of a whole.
- 21) **Choice B is correct.** **(3.NF.2)** Reading left to right on the number line: first tick ($\frac{1}{6}$), third tick ($\frac{3}{6}$), fifth tick ($\frac{5}{6}$). Least to greatest.
- 22) **Choice B is correct.** **(3.G.2)** Two slices out of eight equal slices is $\frac{2}{8}$.
- 23) **Choice A is correct.** **(3.NF.3)** Both strips show the same amount shaded. $\frac{2}{4} = \frac{1}{2}$ because $\frac{1 \times 2}{2 \times 2} = \frac{2}{4}$.
- 24) **Choice B is correct.** **(3.NF.3)** The dot is positioned at the third quarter mark on the number line, which is $\frac{3}{4}$. This is greater than $\frac{1}{2}$.
- 25) **Choice B is correct.** **(3.MD.1)** The minute hand points to 36 minutes, just past the 7. The hour hand is between 6 and 7, closer to 7. The time is 6:36.
- 26) **Choice B is correct.** **(3.G.1)** A trapezoid is defined by having exactly one pair of parallel sides. This is what makes it different from a parallelogram.
- 27) **Choice D is correct.** **(3.NBT.1)** The tens digit is 8. Since $8 \geq 5$, round up: 682 rounds to 700.
- 28) **Choice D is correct.** **(3.OA.1)** The repeated addition $2 + 2 + 2 + 2$ has four 2's added, so it equals $4 \times 2 = 8$.
- 29) **Choice D is correct.** **(3.OA.6)** In a fact family, $45 \div 5 = 9$ and $45 \div 9 = 5$. Division reverses multiplication.
- 30) **Choice D is correct.** **(3.OA.9)** $20 + 5 = 25$, $25 + 5 = 30$, $30 + 5 = 35$, etc. Each number increases by 5.

Practice Test 2 Answers and Explanations



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From a Friend Who Believes in You

Hi, Friend!

◇ I just want to say something important: I am proud of you. You did 9 full practice tests. That takes time, hard work, and heart. ◇

★ **Friendly truth:** a test is just one part of your math journey. You are SO much more than a score. The work you did is the real win! ★

What I Want You to Know

- **You are smart.** Every test you finished proves it.
- **You are brave.** You tried hard problems.
- **You are growing.** Mistakes taught you new things.
- **You are ready.** The skills are inside you.

One more thing: on test day, take a deep breath. Smile. Remember that someone (me!) believes in you. You can do this!

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

Jay Daie

Your Math Friend

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