

+ =

10 California CAASPP




GRADE 3

MATH



PRACTICE TESTS



- ✓ Complete Standards Review
 - ✓ Skill Practice
 - ✓ Word Problems and Answer Key
- 

$$2 \times 7 + 4$$



★ ★ ★
**PREPARE
PRACTICE
SUCCEED!**
★ ★ ★



Aligned to
Grade 3 Math
Standards



Build Confidence
and Master
Math Skills



Test-Taking
Practice for
Success



Answer Key
for Easy
Review

10 California CAASPP Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Ten complete 30-question Grade 3 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 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?

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) Which number is missing? $_ \times 7 = 56$

A. 6

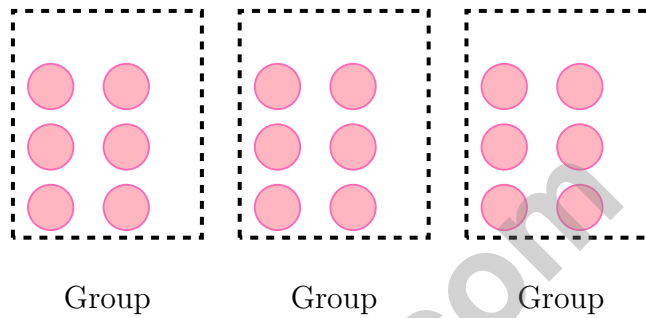
C. 8

B. 7

D. 9

2) Which number sentence matches the picture?

18 items in 3 groups



A. $18 \div 3 = 6$

C. $18 \div 2 = 9$

B. $18 \div 9 = 2$

D. $3 + 6 = 9$

3) There are 48 students. They are divided equally into 6 classes. Then 4 new students join one class. How many students are in that class now?

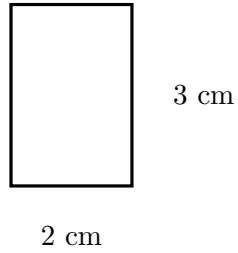
A. 8

C. 16

B. 12

D. 18



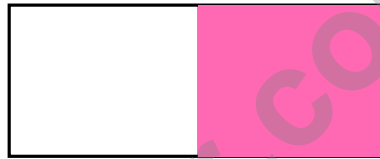


6)

What is the area of this rectangle?

 A. 5 sq cm C. 8 sq cm B. 6 sq cm D. 12 sq cm

7) A rectangle has 2 equal parts. One part is shaded.



What fraction does the shaded part show?

 A. $\frac{1}{3}$ C. $\frac{1}{2}$ B. $\frac{2}{1}$ D. $\frac{2}{2}$ 8) Sam colors $\frac{3}{6}$ of a shape. Write an equivalent fraction.

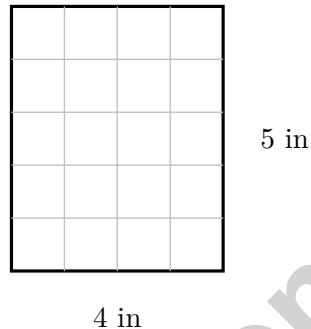
1) Which list does NOT follow a skip-counting pattern that adds the same amount each time?

A. 5, 10, 15, 20, 25

C. 2, 4, 6, 8, 10

B. 3, 6, 9, 12, 15

D. 1, 2, 4, 7, 11



2)

Count the unit squares. What is the area of the rectangle?

A. 9 sq in

C. 25 sq in

B. 20 sq in

D. 16 sq in

3) A composite floor shape is split by dashed lines into four rectangles. The areas are 8 sq units, 6 sq units, 6 sq units, and 4 sq units. What is the total floor area?

A. 24 sq units

C. 48 sq units

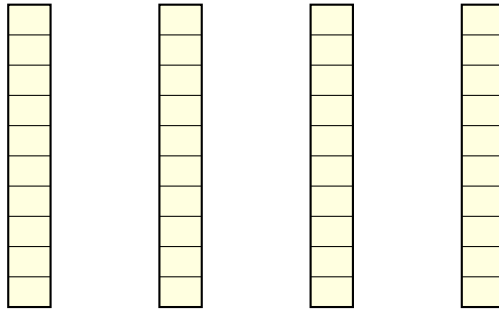
B. 12 sq units

D. 18 sq units



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4) How many units are shown by these base-ten rods?



$$4 \times 10 = ?$$

- A. 14 C. 410
 B. 40 D. 140
- 5) $245 + 318 = ?$
- A. 563 C. 573
 B. 572 D. 562
- 6) A line plot shows pencil lengths in inches: $5, 5\frac{1}{2}, 6, 6\frac{1}{2}$. There are 2 X's at 5 inches and 1 X at 6 inches. If the mode is $5\frac{1}{2}$ inches, what is the least possible number of X's at the mode?
- A. 1 C. 3
 B. 2 D. 5
- 7) Ben ate all of his apple. He ate $\frac{8}{8}$ of it. How many wholes did he eat?
- A. 8 C. 1
 B. 0 D. $\frac{1}{8}$



1) What is $750 - 325$?

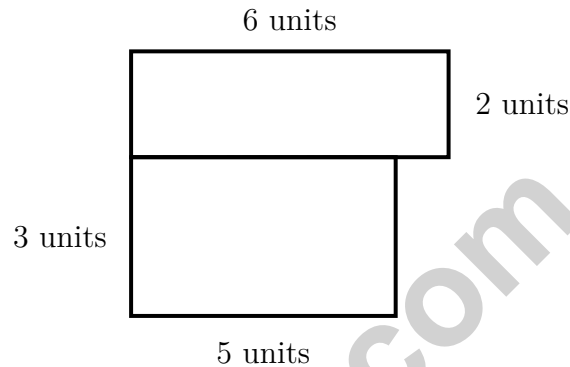
A. 425

C. 515

B. 435

D. 525

2) An L-shaped shop has two rectangles: top 6 units by 2 units, bottom 5 units by 3 units. What is the total area?



A. 12 sq units

C. 15 sq units

B. 27 sq units

D. 36 sq units

3) Find $27 \div 3$. (Hint: Think of a multiplication fact: $\square \times 3 = 27$)

4) A long rectangle has area 60 square units. It is split vertically into two parts. One part is 4×10 . What is the area of the other part if they share the same length?

A. 40

C. 30

B. 20

D. 60



- 5) Below is a grouped representation showing 3 groups of items with 5 items in each group drawn as stars.



How many stars are there in total?

- A. 8 C. 10
 B. 12 D. 15
- 6) Find $7 \times 9 + 5$.

- 7) Which fraction equals $\frac{2}{4}$?

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

- 8) Ava eats lunch at noon. Recess starts 25 minutes after lunch. What time does recess start?

- A. 12 : 25 PM C. 1 : 00 PM
 B. 12 : 15 PM D. 1 : 25 PM



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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 C is correct.** **(3.OA.7)** $8 \times 7 = 56$. You can check: $56 \div 7 = 8$.
- 2) **Choice A is correct.** **(3.OA.2)** The picture shows 18 items shared into 3 equal groups of 6 each. So $18 \div 3 = 6$.
- 3) **Choice B is correct.** **(3.OA.8)** Step 1: Divide: $48 \div 6 = 8$ students per class. Step 2: Add new students: $8 + 4 = 12$ students in that class. (Choice A is step 1 only.)
- 4) **Choice C is correct.** **(3.MD.4)** At 6 inches there are 3 X's and at $6\frac{1}{2}$ inches there is 1 X. Total: $3 + 1 = 4$.
- 5) **Choice C is correct.** **(3.NBT.3)** 3 groups of (5×10) equals $3 \times 50 = 150$. Or: Each group has 50 units; $50 + 50 + 50 = 150$.
- 6) **Choice B is correct.** **(3.MD.7)** Area = $2 \times 3 = 6$ square cm.
- 7) **Choice C is correct.** **(3.NF.1)** The rectangle is divided into 2 equal parts with 1 shaded. The fraction is $\frac{1}{2}$ (one-half).
- 8) **The correct answer is $\frac{1}{2}$.** **(3.NF.3)** $\frac{3}{6}$ equals half of a whole, so the equivalent fraction is $\frac{1}{2}$.
- 9) **Choice D is correct.** **(3.OA.6)** $27 \div 3 = \square$ means $\square \times 3 = 27$. Since $9 \times 3 = 27$, each friend gets 9 marbles.
- 10) **Choice D is correct.** **(3.OA.5)** The commutative property shows that switching the factors in a multiplication gives the same product: $3 \times 4 = 4 \times 3 = 12$.
- 11) **Choice C is correct.** **(3.MD.7)** Adding the numbers instead of multiplying does not use the distributive property or find the area correctly.
- 12) **Choice A is correct.** **(3.NF.1)** Divided in half means 2 equal parts. The first tick is at the unit fraction $\frac{1}{2}$.
- 13) **Choices A and C are correct.** **(3.OA.3)** Choices A and C involve finding a total from equal groups. B, D, and E involve subtraction or addition of separate quantities.
- 14) **The correct answer is 26 centimeters.** **(3.MD.8)** $2(9) + 2(4) = 18 + 8 = 26$ centimeters.
- 15) **Choice D is correct.** **(3.MD.6)** Area of a square = $6 \times 6 = 36$ square inches.
- 16) **Choice B is correct.** **(3.MD.8)** Area = width \times height = $10 \times 8 = 80$ square inches.
- 17) **Choice B is correct.** **(3.NF.2)** On a number line from 0 to 2, the middle tick mark is at 1, which is halfway between 0 and 2.
- 18) **Choice A is correct.** **(3.MD.1)** $3 : 52 - 8 \text{ min} = 3 : 44 \text{ PM}$.
- 19) **Choice A is correct.** **(3.MD.3)** Count the symbols in the picture graph and multiply each count by the scale.
- 20) **Choice C is correct.** **(3.MD.5)** Area is the space inside a shape (measured in square units). Perimeter is the distance around a shape (measured in regular units).
- 21) **Choice C is correct.** **(3.MD.5)** Count the rows: 3 rows. Count across: 8 tiles per row. Total: $8 + 8 + 8 = 24$ square tiles are needed to cover the floor.
- 22) **Choice A is correct.** **(3.NBT.2)** Subtract to find the missing subtrahend: $500 - 274 = 226$. Check: $500 - 226 = 274$. Distractors: B (repeated problem), C (off-by-100), D (off-by-6).
- 23) **Choice C is correct.** **(3.MD.5)** Part 1: $6 \times 4 = 24$ sq m. Part 2: $3 \times 3 = 9$ sq m. Total: $24 + 9 = 33$ sq m.
- 24) **The correct answer is 4 parts.** **(3.G.2)** Half of 8 is 4.
- 25) **Choice C is correct.** **(3.NF.2)** $\frac{4}{8} = \frac{1}{2}$. Both represent one-half of their rectangles.
- 26) **Choice C is correct.** **(3.NBT.1)** The ones digit is 5. Since $5 \geq 5$, round up: 555 rounds to 560.
- 27) **Choice A is correct.** **(3.NF.3)** Both bars show the same shaded length. $\frac{3}{6} = \frac{1}{2}$ because $\frac{1 \times 3}{2 \times 3} = \frac{3}{6}$.
- 28) **Choice B is correct.** **(3.MD.8)** Wide rectangle: $6 \times 2 = 12$ square units.
- 29) **Choice B is correct.** **(3.MD.2)** $3 \text{ L} = 3000 \text{ mL}$. Subtract: $3000 - 1500 = 1500 \text{ mL}$.
- 30) **Choice C is correct.** **(3.MD.6)** Count rows and columns: 4 units wide and 2 units tall equals $4 \times 2 = 8$ unit squares covering the rectangle with no gaps or overlaps.

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 10 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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