

6

California CAASPP

GRADE 3

MATH

PRACTICE TESTS

Standards-Aligned Practice with
Review, Answer Keys, and Explanations



6 Full-Length
Practice Tests



Detailed Answer Keys
and Explanations



Master Skills.
Boost Scores.
Succeed!

6 California CAASPP Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Six complete 30-question practice labs for Grade 3 math: operations, fractions, measurement, data, area, shapes, answer keys, and clear explanations for every item.

Jay Daie and Reza Nazari



Copyright ©

Testinar Inc



Published by Testinar Inc

Testinar.com

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the author, except in the case of brief quotations embodied in critical reviews and certain other noncommercial uses permitted by copyright law, including Section 107 or 108 of the 1976 United States Copyright Act.

This publication is independently produced and has no official connection to any state, district, or national testing program.

Test names and organizational names used herein are the property of their respective trademark holders.



Copyright ©

Welcome to the Six Skill Labs

Six full tests, six focused resets, and a stronger Grade 3 problem solver



Notice the pattern. Choose a tool. Explain the answer.

To the Grade 3 Math Builder

This book gives you six practice labs for the California CAASPP. Each lab is a complete 30-question test, so students can practice accuracy, stamina, and clear mathematical thinking.

California brings redwood groves, Pacific beaches, city grids, and valley farms. Strong math uses that same care: read the task, select a strategy, build the solution, and connect many pieces into one clear solution.

Decode

Find the question, the units, and the useful numbers.

Design

Use an equation, array, number line, graph, or sketch.

Confirm

Make sure the answer matches the question.

Six-lab promise: I will work with patience, show useful thinking, and treat corrections as part of learning.

How to Use This Book

A six-lab routine for steady Grade 3 growth

Use one practice lab at a time. The goal is not only to finish more pages. The goal is to finish, review, repair, and bring a smarter habit to the next test. For California students, each lab is a short route through redwood groves, Pacific beaches, city grids, and valley farms: steady, alert, and ready for the next clue.

1. **Warm up.** Skim the reference materials and remind yourself of common tools.
2. **Take one test.** Work steadily and mark problems that need a second look.
3. **Check answers.** Use the compact answer keys first.
4. **Read explanations.** Study missed items and any lucky guesses.
5. **Redo two problems.** Rewrite the work cleanly without peeking.
6. **Set the next lab goal.** Choose one skill or habit to improve.

Best review habit: A mistake is most useful when you can say why it happened and what you will do differently next time.



What Is Inside?

Six complete practice tests with review support

Part	What You Do	Why It Helps
Practice Tests 1–6	Solve six different 30-question tests.	Build stamina and see Grade 3 skills mixed together.
Answer Keys	Check each answer in compact boxes.	Find mistakes quickly without losing your place.
Explanations	Read why each answer works.	Turn missed items into a clear next step.
Standards Reference	See how California Grade 3 standards connect to practice.	Understand the skills behind the questions.

Each test has 26 multiple-choice questions, 1 select-all question, and 3 open-ended questions. This gives students practice with quick decisions, careful reading, and short written math answers for the California CAASPP path.



Scan me!
For more practice
& answers

Table of Contents

★ Practice Test 1	_____	14
★ Practice Test 2	_____	26
★ Practice Test 3	_____	40
★ Practice Test 4	_____	53
★ Practice Test 5	_____	65
★ Practice Test 6	_____	77
Practice Test Answer Keys	_____	88
Practice Test Answers and Explanations	_____	92

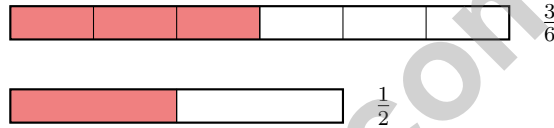
1) Noah organizes video games on 4 shelves. He puts 7 video games on each shelf. How many video games does Noah have?

 A. 28 B. 11 C. 3 D. 21

2) What is 367 rounded to the nearest 100?

 A. 300 B. 370 C. 400 D. 360

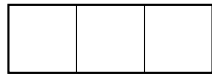
3) Which fraction is equivalent to $\frac{3}{6}$?

 A. $\frac{2}{5}$ B. $\frac{1}{3}$ C. $\frac{1}{2}$ D. $\frac{2}{6}$

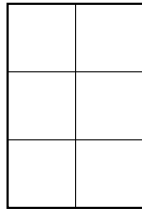
4) A recipe needs $\frac{18}{6}$ cups of flour. How many whole cups is this?

 A. 6 B. 3 C. 18 D. 2

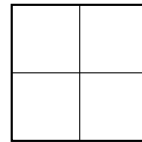
5) Which shape is made of exactly 6 unit squares?



A



B



C



D

A. Option A

B. Option B

C. Option C

D. Option D

6) Which two pie charts show equivalent fractions?



Pie 1: $\frac{1}{2}$ Pie 2: $\frac{1}{3}$ Pie 3: $\frac{2}{4}$

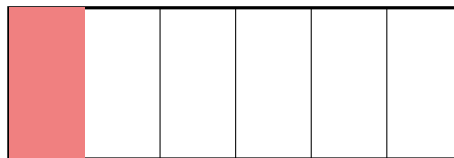
A. Pies 1 and 2

B. Pies 1 and 3

C. Pies 2 and 3

D. All three pies

7) Look at the rectangle below. It is divided into 6 equal parts, and one part is shaded.



What fraction is shaded?

A. $\frac{5}{6}$

B. $\frac{1}{6}$

C. $\frac{6}{1}$

D. $\frac{1}{5}$

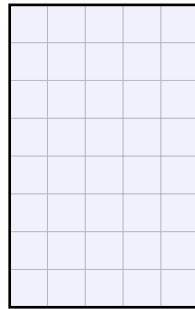


Scan me!
For more practice
& answers

8) Lily starts her chores at 2 : 09 PM. She finishes at 2 : 41 PM. How long did Lily spend on chores?

- A. 32 minutes C. 28 minutes
 B. 30 minutes D. 35 minutes

9) On a grid, a rectangle covers 8 rows and 5 columns of unit squares.



What is the area?

- A. 13 sq units C. 35 sq units
 B. 26 sq units D. 40 sq units

10) Mia used the distributive property to break 5×9 into $5 \times (6 + 3)$. What is $5 \times 6 + 5 \times 3$?

- A. 30 C. 40
 B. 35 D. 45

11) A number line from 0 to 1 is divided into equal parts. Which first tick is closest to 0?

- A. $\frac{1}{2}$ C. $\frac{1}{6}$
 B. $\frac{1}{4}$ D. $\frac{1}{8}$



1) Which missing divisor makes the number sentence true?

$$24 \div _ = 4$$

A. 6

C. 28

B. 20

D. 8

2) What is 751 rounded to the nearest 100?

A. 700

C. 751

B. 750

D. 800

3) A line plot shows plant stem lengths in centimeters: 12, $12\frac{1}{4}$, $12\frac{1}{2}$, $12\frac{3}{4}$, 13. The counts are: 3 at 12 cm, 1 at $12\frac{1}{4}$ cm, 0 at $12\frac{1}{2}$ cm, 2 at $12\frac{3}{4}$ cm, and 1 at 13 cm. What is the range?

A. $\frac{1}{4}$ cm

C. 1 cm

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

D. 2 cm

4) Mia draws a number line from 0 to 1 with 4 equal parts. She skip-counts by fourths: $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$, $\frac{4}{4}$. Compare $\frac{2}{4}$ and $\frac{3}{4}$. How many fourths apart are they?

A. 1 fourth

C. 3 fourths

B. 2 fourths

D. 4 fourths

5) Mia baked 30 cookies and put them into 5 bags. Each bag has the same number of cookies. How many cookies are in each bag?

A. 5

C. 7

B. 8

D. 6



6) A T-shaped figure is divided by dashed lines into three rectangles. The given areas are 10 sq units, 6 sq units, and 6 sq units. What is the total area?

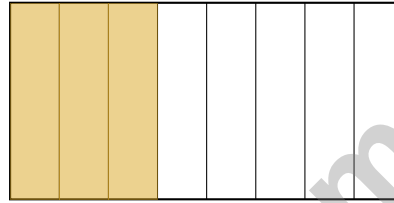
A. 10 sq units

C. 16 sq units

B. 22 sq units

D. 360 sq units

7) A rectangle is divided into 8 equal parts. Noah shades $\frac{3}{8}$ of the rectangle. How many parts does he shade?



A. 2 parts

C. 4 parts

B. 3 parts

D. 5 parts



Scan me!
For more practice
& answers

1) Two different rectangles both have areas of 16 square units. Which pair of dimensions is NOT possible?

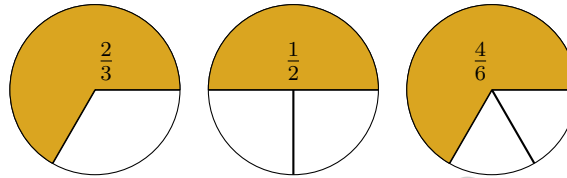
A. 4×4

B. 2×8

C. 3×5

D. 1×16

2) Look at the pies. Which two fractions are equivalent?

 A. The first and second B. The second and third C. The first and third D. All three

3) Why do we add a zero when we multiply 8×40 ?

 A. Because 40 has a zero in it. B. Because $40 = 4 \times 10$, and we multiply by 10 at the end. C. Because we always add a zero when multiplying. D. Because the answer needs to be bigger.

4) If Ava eats $\frac{2}{4}$ of a bar divided into halves, how many halves did she eat?



Scan me!
For more practice
& answers

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.

Testinar.com



Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- 1) **Choice A is correct.** **(3.OA.3)** Each shelf has the same number of games, so multiply the equal groups: $4 \times 7 = 28$ video games.
- 2) **Choice C is correct.** **(3.NBT.1)** For 367, look at the tens digit (6). Since $6 \geq 5$, round the hundreds digit up: 367 rounds to 400.
- 3) **Choice C is correct.** **(3.NF.3)** $\frac{3}{6}$ and $\frac{1}{2}$ both equal half of a whole.
- 4) **Choice B is correct.** **(3.G.2)** 18 sixths = $18 \div 6 = 3$ wholes. Six sixths make one whole.
- 5) **Choice B is correct.** **(3.MD.6)** Option B is $2 \times 3 = 6$ unit squares. Option A has 3 unit squares, Option C has 4, and Option D has 5.
- 6) **Choice B is correct.** **(3.NF.3)** Pie 1 shows $\frac{1}{2}$ (half shaded) and Pie 3 shows $\frac{2}{4}$ (half shaded). Both represent the same amount: $\frac{1 \times 2}{2 \times 2} = \frac{2}{4}$.
- 7) **Choice B is correct.** **(3.NF.1)** The rectangle is divided into 6 equal parts. One part is shaded, so the shaded fraction is $\frac{1}{6}$ (one-sixth).
- 8) **Choice A is correct.** **(3.MD.1)** From 2 : 09 to 2 : 41: count up from 9 to 41. That is $41 - 9 = 32$ minutes.
- 9) **Choice D is correct.** **(3.MD.6)** $5 \times 8 = 40$ unit squares.
- 10) **Choice D is correct.** **(3.OA.5)** $5 \times 6 = 30$ and $5 \times 3 = 15$, so $30 + 15 = 45$. Also $5 \times 9 = 45$.
- 11) **Choice D is correct.** **(3.NF.1)** Eighths are the smallest pieces listed, so the first tick at $\frac{1}{8}$ is closest to 0.
- 12) **Choice A is correct.** **(3.MD.7)** Area = $8 \times 1 = 8$ square yards.
- 13) **Choice A is correct.** **(3.OA.6)** From $6 \times 9 = 54$, one related division equation is $54 \div 6 = 9$ (the answer is the factor 9). Option B reverses correctly but is also valid; A is the expected answer. Options C and D use wrong operations.
- 14) **Choice A is correct.** **(3.G.2)** $\frac{1}{4}$ of a bar divided into 4 equal parts is 1 part.
- 15) **Choice D is correct.** **(3.NF.2)** $\frac{1}{4}$ is the 1st tick; $\frac{3}{4}$ is the 3rd tick. The distance is $3 - 1 = 2$ ticks apart.
- 16) **Choice D is correct.** **(3.OA.1)** The rectangle has 4 columns and 2 rows of equal parts. So $4 \times 2 = 8$ parts in total.
- 17) **Choices A and C are correct.** **(3.MD.5)** A is correct: area uses square units (sq in, sq cm, etc.). C is correct: the formula is $A = \ell \times w$. B is wrong: that is perimeter. D is wrong: they measure different things. E is wrong: perimeter and area are independent.
- 18) **Choice A is correct.** **(3.OA.9)** The products 2, 4, 6 each increase by 2 because we multiply 2 by 1, then 2, then 3.
- 19) **Choice D is correct.** **(3.NBT.2)** Add to find the missing minuend: $256 + 187 = 443$. Check: $443 - 187 = 256$.
- 20) **Choice A is correct.** **(3.OA.8)** First add: $15 + 9 = 24$ cars. Then divide by 3 children: $24 \div 3 = 8$ cars per child. Choice A correctly shows both steps with parentheses.
- 21) **Choice C is correct.** **(3.NF.2)** $\frac{1}{3}$ and $\frac{2}{6}$ mark the same point on the number line from 0 to 1. They represent the same fraction.
- 22) **The correct answer is 5.** **(3.OA.4)** Divide: $40 \div 8 = 5$ pencils per student.
- 23) **Choice B is correct.** **(3.MD.2)** 5000 mL = 5 L. Subtract: $12 - 5 = 7$ L.
- 24) **Choice C is correct.** **(3.NF.2)** $\frac{4}{8} = \frac{1}{2}$. Both represent one-half of their circles.
- 25) **Choice A is correct.** **(3.MD.8)** Area = length \times width = $9 \times 7 = 63$ square feet.
- 26) **Choice A is correct.** **(3.OA.7)** $3 \times 8 = 24$. Think of three groups of 8: $8 + 8 + 8 = 24$.
- 27) **Choice A is correct.** **(3.NF.3)** Three halves equals 1.5 (greater than one whole). Three thirds equals 1 (exactly one whole). So $\frac{3}{2} > \frac{3}{3}$.
- 28) **The correct answer is 0 right angles.** **(3.G.1)** A trapezoid can have no right angles.
- 29) **Choice C is correct.** **(3.MD.5)** Bottom rectangle: $4 \times 3 = 12$ sq units. Top rectangle: $2 \times 2 = 4$ sq units. Total: $12 + 4 = 16$ sq units.
- 30) **The correct answer is 4 plants.** **(3.MD.4)** At least 9 inches means $9, 9\frac{1}{2}$, and 10 inches: $0 + 1 + 3 = 4$ plants.



A Quiet Word From Your Mentor

Hi, Thoughtful Student,

◇ I want to take a moment to tell you something true: you did excellent work. 6 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

BUILD CONFIDENCE. MASTER MATH. ACHIEVE SUCCESS!



This **Grade 3 Math Practice Tests** book is the perfect companion for students who want to strengthen their math skills and excel in school. With **6** full-length practice tests designed to reflect real test formats, students get the practice they need to understand key concepts, build problem-solving skills, and tackle any challenge with confidence.

PERFECT FOR:

- ✓ Classroom Practice
- ✓ Homework & Review
- ✓ Test Preparation

★ **PREPARE TODAY.
SUCCEED TOMORROW!**

WHAT STUDENTS WILL GAIN:



Stronger Concepts

Reinforce key Grade 3 math skills and build a solid foundation.



Better Problem Solving

Develop critical thinking and solve problems with ease.



Test Confidence

Get familiar with test formats and reduce exam stress.



Track Progress

Measure improvement and focus on areas that matter.



Achieve Success

Build the skills and confidence to reach higher goals.

TOPICS COVERED:

- ✓ Whole Numbers & Operations
- ✓ Fractions & Decimals
- ✓ Algebraic Thinking
- ✓ Geometry
- ✓ Measurement & Data
- ✓ Graphing & Data Analysis
- ✓ Number Patterns
- ✓ Word Problems
- ✓ Ratio & Proportion
- ✓ Perimeter, Area & Volume
- ✓ And More!



Visit testinar.com/math5 for more Grade 3 math resources and practice materials!

PRACTICE MORE. ACHIEVE MORE.

Give your child the tools they need to succeed in math and beyond!



Aligns with Grade 3 Learning Standards



Builds Critical Thinking & Problem-Solving