

5

Oklahoma

OSTP

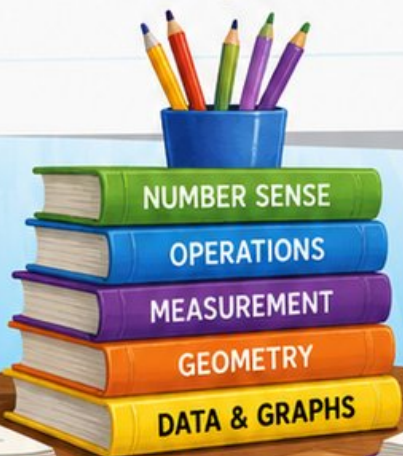
GRADE 3

MATH

PRACTICE TESTS

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

$24 \div 3 = 8$



5 FULL-LENGTH
PRACTICE TESTS



STANDARDS-
ALIGNED
PRACTICE



DETAILED
ANSWER KEYS



CLEAR
EXPLANATIONS
TO HELP YOU SUCCEED

5 Oklahoma OSTP Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Five focused 30-question checkpoints for Grade 3 math: facts, 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 Five Checkpoint Quest

Five tests, five fresh starts, and one stronger Grade 3 thinker



Read. Model. Solve. Check. Grow.

To the Grade 3 Math Explorer

This book gives you five practice checkpoints for the Oklahoma OSTP. Each checkpoint is a full 30-question test, so you can practice stamina, accuracy, and the habit of showing what you know.

Oklahoma has red dirt roads, prairie skies, Route 66 stops, and preparation habits that matter. Strong math uses the same kind of careful planning: look at the path, choose a tool, and check your work before moving ahead.

Notice

Circle key words, units, and numbers before you start.

Build

Use arrays, number lines, equations, tables, or sketches.

Verify

Ask, "Does this answer fit the question?"

Five-checkpoint promise: I will try each test with patience, mark my mistakes honestly, and use every correction to make the next checkpoint stronger.

How to Use This Book

A five-step routine for steady Grade 3 growth

Use one checkpoint at a time. A good pace is one test, one careful review, and one short skill tune-up before the next test.

1. **Preview the tools.** Skim the reference page and remember where multiplication, fractions, measurement, and shapes appear.
2. **Take one full test.** Work neatly. If a problem feels stuck, mark it and keep moving.
3. **Check the answer key.** Notice the question type: multiple choice, select all, or open-ended.
4. **Study explanations.** Pick two missed questions and redo them without looking.
5. **Choose the next focus.** Write one habit to carry into the next checkpoint.

Best review habit: Do not just ask, “What was the answer?” Ask, “What clue did I miss, and what tool should I try next time?”



What Is Inside?

Five complete practice tests with review support

Part	What You Do	Why It Helps
Practice Tests 1–5	Solve five different 30-question tests.	Build stamina and see many Grade 3 skills mixed together.
Answer Keys	Check each answer in compact boxes.	Find mistakes quickly without losing your place.
Explanations	Read the reason behind each answer.	Turn missed items into a clear next step.
Standards Reference	See how Oklahoma 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. That mix gives students practice with quick choices, careful reasoning, and short written answers.

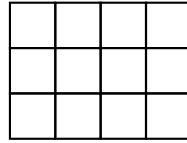


Scan me!
For more practice
& answers

Table of Contents

★ Practice Test 1	_____	15
★ Practice Test 2	_____	27
★ Practice Test 3	_____	38
★ Practice Test 4	_____	49
★ Practice Test 5	_____	62
Practice Test Answer Keys	_____	72
Practice Test Answers and Explanations	_____	76

1) Look at this rectangle covered exactly by unit squares:

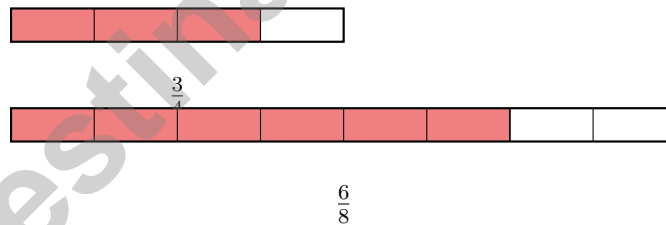


Count the unit squares. What is the area?

- A. 7 sq units C. 14 sq units
 B. 12 sq units D. 24 sq units
- 2) A large rectangle with total area 56 is split into two smaller rectangles. One is 7×6 with area 42. Using the distributive property with the shared dimension of 7, what is the area of the second rectangle?

- A. 14 C. 7
 B. 42 D. 8

3) Look at the bars. Is $\frac{3}{4}$ equivalent to $\frac{6}{8}$?



- A. Yes, they are equivalent C. The second bar is larger
 B. No, they are not equivalent D. The first bar is larger



Scan me!
For more practice
& answers

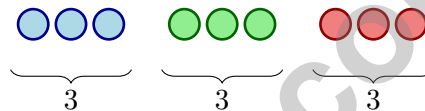
4) A bar graph shows candies. Each bar height represents units. The scale is 5 candies per unit. Red bar is 2 units, blue is 3 units, green is 4 units. How many candies in total?

- A. 45 C. 35
 B. 40 D. 50

5) Counting unit fractions, what do $\frac{1}{4}$, $\frac{1}{4}$, and $\frac{1}{4}$ make together?

- A. $\frac{1}{12}$ C. $\frac{3}{1}$
 B. $\frac{3}{4}$ D. $\frac{1}{4}$

6) Which division sentence matches this picture?



- A. $9 \div 1$ C. $3 \div 3$
 B. $9 + 3$ D. $9 \div 3$
- 7) What is 5×9 ?
- A. 40 C. 50
 B. 54 D. 45
- 8) What is the missing factor? $\square \times 6 = 18$
- A. 2 C. 4
 B. 3 D. 6



9) Which pair of numbers always has an even product?

- A. Two odd numbers
- B. An odd number and any other whole number
- C. Two odd numbers or two even numbers
- D. An even number and any other whole number

10) What fraction is the third tick on a number line split into 6 equal parts?



11) What number is missing? $_ \times 50 = 350$

- A. 7
- B. 35
- C. 70
- D. 5

12) Round 476 to the nearest 100.

- A. 400
- B. 470
- C. 475
- D. 500

13) Look at this table:

$3 \times 9 = 27$	$9 \times 3 = 27$
$27 \div 3 = 9$	$27 \div 9 = 3$

Which equation does NOT belong in this fact family?

- A. $27 \div 3 = 9$
- B. $9 \times 3 = 27$
- C. $3 \times 9 = 27$
- D. $27 \div 6 = 4$

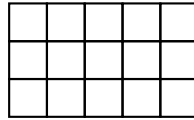


Scan me!
For more practice
& answers

1) Zara buys 4 bags of stickers with 9 stickers in each bag. She shares them equally among 6 friends. How many stickers does each friend get?

- A. 6
 B. 10
 C. 15
 D. 36

2) A rectangle is 3 unit squares wide and 5 unit squares long. Count the unit squares in this grid:



- A. 3 unit squares
 B. 8 unit squares
 C. 15 unit squares
 D. 30 unit squares

Marked sides



Marked sides

3)

This shape has exactly 2 sides marked in red. Are they parallel?

- A. Yes, they are parallel
 B. No, they are not parallel
 C. They are perpendicular
 D. They are equal in length

4) A tile floor has area 18 square feet. Which dimensions could make this area?

- A. 2 ft and 8 ft
 B. 3 ft and 6 ft
 C. 4 ft and 5 ft
 D. 4 ft and 6 ft



Scan me!
For more practice
& answers

- 5) A bar graph shows inches of rainfall. Each unit on the scale represents 10 inches. If a bar is 3 units tall, how many inches of rainfall does it represent?



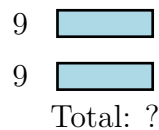
- 6) A fish tank holds 12 liters. Ava drains 5000 mL. How many liters of water remain?

- A. 5 L C. 12 L
 B. 7 L D. 17 L

- 7) A classroom has 3 tables. Each table has 9 chairs. How many chairs are there altogether?

- A. $9 - 3 = 6$ C. $9 \times 9 = 81$
 B. $3 + 9 = 12$ D. $3 \times 9 = 27$

- 8) Below is a bar model showing equal groups. There are 2 groups with 9 items in each group.

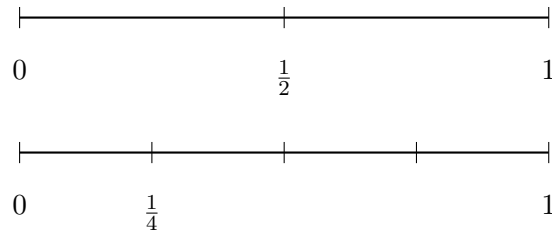


What is the total?

- A. 18 C. 11
 B. 16 D. 27



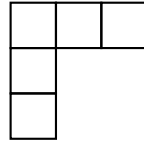
- 1) Two number lines both show 0 to 1. One is divided into 2 parts, another into 4 parts. Which unit fraction is bigger?



- A. $\frac{1}{2}$ is bigger
- B. $\frac{1}{4}$ is bigger
- C. They are equal
- D. Cannot compare
- 2) What do all quadrilaterals have in common?
- A. They all have right angles
- B. They all have equal sides
- C. They all have parallel sides
- D. They all have 4 sides
- 3) An L-shaped patio is shown with parts having areas 32 sq units and 15 sq units. What is the total?
- A. 17 sq units
- B. 47 sq units
- C. 64 sq units
- D. 480 sq units
- 4) Mia buys 8 bags of candy. Each bag has 3 candies. How many candies does Mia buy?
- A. 11
- B. 16
- C. 18
- D. 24
- 5) On a number line from 0 to 2 divided into fourths, how many fourths are there in total?



6) Here is a shape that looks like an "L" or corner, made of unit squares:



Count the unit squares in this L-shaped figure. How many are there?

- A. 3 unit squares C. 6 unit squares
- B. 5 unit squares D. 8 unit squares
- 7) 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
- 8) A classroom is shaped like a square with sides of 9 meters. What is the area of the classroom in square meters?



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 B is correct.** **(3.MD.C.5b)** Count the rows: 3 rows. Count across: 4 unit squares per row. Total: $3 \times 4 = 12$ unit squares cover the rectangle, so area is 12 square units.
- 2) **Choice A is correct.** **(3.MD.C.7c)** Total area is 56. First rectangle is 42. Second is $56 - 42 = 14$, which is 7×2 (so width is 2).
- 3) **Choice A is correct.** **(3.NF.A.3)** Both bars show the same amount shaded. $\frac{3}{4}$ and $\frac{6}{8}$ are equivalent.
- 4) **Choice A is correct.** **(3.MD.B.3)** Red: $2 \times 5 = 10$. Blue: $3 \times 5 = 15$. Green: $4 \times 5 = 20$. Total: $10 + 15 + 20 = 45$.
- 5) **Choice B is correct.** **(3.NF.A.1)** When you add three unit fractions of $\frac{1}{4}$, you get $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{3}{4}$.
- 6) **Choice D is correct.** **(3.OA.A.2)** There are 9 circles total, divided into 3 equal groups. Each group has 3 circles, so $9 \div 3 = 3$.
- 7) **Choice D is correct.** **(3.OA.C.7)** $5 \times 9 = 45$. Count by 5s: 5, 10, 15, 20, 25, 30, 35, 40, 45.
- 8) **Choice B is correct.** **(3.OA.B.6)** The missing factor is 3 because $3 \times 6 = 18$. This is the same as $18 \div 6 = 3$. We find the unknown factor by thinking about division. Option A ($2 \times 6 = 12$) is too small. Option D confuses the known factor with the answer.
- 9) **Choice D is correct.** **(3.OA.D.9)** Even \times even = even, and even \times odd = even. Only odd \times odd = odd.
- 10) **The correct answer is $\frac{3}{6}$.** **(3.NF.A.2)** The third tick out of 6 equal parts is $\frac{3}{6}$.
- 11) **Choice A is correct.** **(3.NBT.A.3)** Since $7 \times 50 = 350$, the missing factor is 7. We can work backwards: $350 \div 50 = 7$.
- 12) **Choice D is correct.** **(3.NBT.A.1)** The tens digit is 7. Since $7 \geq 5$, round up: 476 rounds to 500.
- 13) **Choice D is correct.** **(3.OA.A.4)** The fact family uses the numbers 3, 9, and 27. The equation $27 \div 6 = 4$ uses 6, which is not in this fact family.
- 14) **Choice A is correct.** **(3.NF.A.3c)** $\frac{6}{2}$ means 6 halves. 2 halves make 1 whole, so $6 \div 2 = 3$ wholes. The bar is divided into 3 sections (thick lines).
- 15) **Choice D is correct.** **(3.G.A.1)** A square is a special rhombus that also has all right angles. If a rhombus has 4 right angles, it becomes a square.
- 16) **Choice A is correct.** **(3.NF.A.2a)** One of eight equal spaces is $\frac{1}{8}$.
- 17) **Choices B and C are correct.** **(3.MD.A.2)** Choices B and C both equal 2000 mL. Choice A (2 kg) is mass, not volume. Choice D (2000 g) is mass. Choice E ($750 + 750 = 1500$ mL) is less than 2000 mL.
- 18) **Choice A is correct.** **(3.NF.A.3b)** $\frac{1}{2} = \frac{4}{8}$ because $\frac{1 \times 4}{2 \times 4} = \frac{4}{8}$. Both Ava and Ben ate the same amount.
- 19) **Choice B is correct.** **(3.MD.C.7d)** Add the parts: $7 + 9 = 16$ square units. Choice A (forgot Part A) and C (multiply instead of add) are common errors.
- 20) **Choice D is correct.** **(3.OA.A.1)** $3 \times 6 = 18$ (three groups of six). James added $3 + 6 = 9$ instead of multiplying.
- 21) **Choice B is correct.** **(3.NF.A.3d)** Comparing the shaded areas: two thirds covers more of the bar than one half does.
- 22) **Choice B is correct.** **(3.MD.B.4)** Shorter than $6\frac{3}{4}$ inches includes 6 , $6\frac{1}{4}$, and $6\frac{1}{2}$ inches: that is $1 + 2 + 3 = 6$ pencils.
- 23) **The correct answer is 25 unit squares.** **(3.MD.C.5a)** A square with side length 5 inches has area $5 \times 5 = 25$ square inches, which equals 25 unit squares.
- 24) **Choice C is correct.** **(3.MD.C.5)** Multiply length by width: $6 \times 3 = 18$ square units.
- 25) **Choice A is correct.** **(3.OA.B.5)** The distributive property says $5 \times (4 + 2) = 5 \times 4 + 5 \times 2 = 20 + 10 = 30$.
- 26) **Choice B is correct.** **(3.MD.A.1)** One hour is 60 minutes.
- 27) **The correct answer is 68.** **(3.OA.D.8)** $7 \times 9 = 63$, and $63 + 5 = 68$.
- 28) **Choice A is correct.** **(3.NBT.A.2)** Ones: $7 + 6 = 13$ (write 3, carry 1). Tens: $6 + 1 + 1 = 8$. Hundreds: $5 + 2 = 7$. Answer: 783.
- 29) **Choice C is correct.** **(3.MD.C.7a)** Tall rectangle: $3 \times 8 = 24$ square units. D is concatenation error.
- 30) **Choice B is correct.** **(3.MD.C.7)** With length 5 and width 4, you add the width 4 five times: $4 + 4 + 4 + 4 + 4 = 20$. This equals $5 \times 4 = 20$ square units.



Hi, Hero!

◇ Once there was a Grade 3 student who took 5 practice tests. At first, the math was tricky. But this student kept showing up, kept trying, and kept learning. By the end, the student became a math hero. That hero is you! ◇

★ **Storytellers know:** every story has a hard middle. The hard middle is where heroes grow. You lived your hard middle. Your story ends with confidence! ★

Your Hero Toolkit

- **Brave Heart:** You try hard problems.
- **Sharp Mind:** You think carefully before you act.
- **Steady Hand:** You write neatly and check.
- **Kind Spirit:** You are patient with yourself.

Storyteller tip: on test day, remember the hero you became. The chapters before today made you stronger. Now write your best chapter!

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

Jay Daie

Your Math Storyteller

Build Skills. Boost Confidence.

Excel in Grade 3 Math!

This book provides 5 full-length Grade 3 math practice tests that follow standards and help students achieve real results.



5 Full-Length Practice Tests

Realistic tests to build stamina and familiarity.



Standards-Aligned Practice

Questions match Grade 3 math standards and key skills.



Answer Keys & Explanations

Detailed answers that show steps and clear reasoning.



Review & Master Skills

Strengthen concepts in numbers, operations, fractions, geometry, measurement, and more.

COVERS ALL ESSENTIAL TOPICS

- ✓ Whole Numbers
- ✓ Operations & Algebraic Thinking
- ✓ Number Patterns
- ✓ Fractions & Decimals
- ✓ Measurement & Data
- ✓ Geometry
- ✓ Perimeter, Area & Volume
- ✓ Time & Money
- ✓ Data & Graphs
- ✓ Word Problems
- ✓ And More!



Visit testinar.com/math3 for more Grade 3 math resources and practice materials!



$$\begin{array}{r} 7 \times 8 \\ = 56 \end{array}$$

$$\begin{array}{r} 36 \\ \div 4 = 9 \end{array}$$

$$\begin{array}{r} 452 \\ - 178 \\ = 274 \end{array}$$



Everything Your Child Needs to Succeed in Grade 3 Math!



Perfect For:



Classroom Learning



Homework Support



Test Preparation



Extra Practice & Review