

6

Texas STAAR

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 Texas STAAR 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 Texas STAAR. Each lab is a complete 30-question test, so students can practice accuracy, stamina, and clear mathematical thinking.

Texas brings wide ranch roads, Gulf beaches, city skylines, and starry plains. Strong math uses that same care: read the task, select a strategy, build the solution, and think big while checking small details.

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 Texas students, each lab is a short route through wide ranch roads, Gulf beaches, city skylines, and starry plains: 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 Texas 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 Texas STAAR path.



Scan me!
For more practice
& answers

Table of Contents

★ Practice Test 1	_____	14
★ Practice Test 2	_____	26
★ Practice Test 3	_____	37
★ Practice Test 4	_____	49
★ Practice Test 5	_____	62
★ Practice Test 6	_____	74
Practice Test Answer Keys	_____	86
Practice Test Answers and Explanations	_____	90

1) What is 804 rounded to the nearest 10?

- A. 800 C. 810
 B. 804 D. 900

2) A picture graph shows ribbons. Each star is 2 ribbons. Look at the graph.

Key: ★ = 2 ribbons

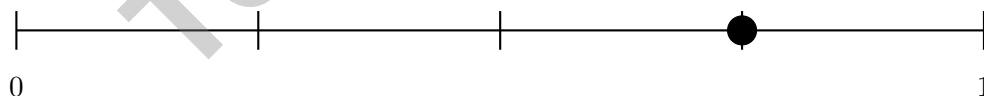
Red: ★ ★ ★ ★

Blue: ★ ★

- A. Red has 4 ribbons, blue has 2 ribbons. C. Red has 6 ribbons, blue has 4 ribbons.
 B. Red has 8 ribbons, blue has 4 ribbons. D. Red has 8 ribbons, blue has 8 ribbons.
- 3) A store has boxes of toy cars. Each box holds 9 cars. How many cars are in 6 boxes?

- A. 48 cars C. 56 cars
 B. 60 cars D. 54 cars

4) On a number line, the point is at $\frac{3}{4}$ of the way from 0 to 1. If the line is divided into 4 equal parts, at which tick mark is the point?



- A. First tick mark C. Third tick mark
 B. Second tick mark D. Fourth tick mark



5) Mia has $\frac{4}{2}$ apples. How many whole apples does she have?

A. 2

C. 1

B. 4

D. $\frac{1}{2}$

6) Which fraction is equivalent to $\frac{1}{3}$?

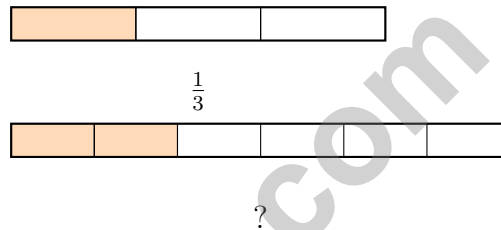
A. $\frac{1}{6}$

C. $\frac{3}{6}$

B. $\frac{2}{6}$

D. $\frac{1}{4}$

7) Sam eats 1 slice from a 3-slice pizza. Which fraction is equivalent to what he ate?



A. $\frac{2}{6}$

C. $\frac{1}{4}$

B. $\frac{1}{2}$

D. $\frac{2}{3}$

8) A classroom has 5 shelves of puzzle boxes. Each shelf has 8 boxes. How many puzzle boxes are there?

A. 13 boxes (adds $5 + 8$)

C. 35 boxes (confuses: 5×7 instead)

B. 45 boxes (adds $5 + 8 + 32$)

D. 40 boxes

9) A teacher buys 5 packs of colored paper with 10 sheets each for a project. She divides them equally among 5 students. How many sheets does each student get?

A. 5

C. 15

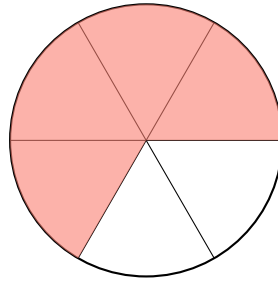
B. 25

D. 10



Scan me!
For more practice
& answers

- 10) A circle is divided into 6 equal parts. Four parts are shaded. What fraction of the circle is shaded?



- A. $\frac{2}{6}$ C. $\frac{1}{6}$
 B. $\frac{4}{6}$ D. $\frac{6}{6}$
- 11) Which of the following is measured in square units (like square inches or square centimeters)?
- A. Time C. Length (measured in inches, feet, or meters)
 B. Perimeter (measured in inches, feet, or meters)
 D. Area (space inside a shape)
- 12) What is the fewest right angles a trapezoid can have?

- 13) Three children saved money. Ben saved \$145, Lily saved \$208, and Noah saved \$197. How much did they save in total?
- A. \$550 C. \$450
 B. \$540 D. \$560



1) Which number sentence shows the distributive property?

A. $(2 + 3) \times 4 = 2 \times 4 + 3 \times 4$

C. $(2 + 3) \times 4 = 5 \times 4$

B. $(2 + 3) \times 4 = 2 + 3 + 4$

D. $(2 + 3) \times 4 = 2 \times 3 \times 4$

2) Mia has some coins. She splits them equally into 6 groups. Each group has 8 coins. How many coins did Mia have to start?

3) A number line from 0 to 1 has 6 tick marks total, including 0 and 1. How many equal parts are there?

A. 4

C. 6

B. 5

D. 7

4) A classroom has 2 shelves. Each shelf has 9 books. How many books are on the shelves?

A. 18

C. 20

B. 11

D. 7

5) Which fraction represents 5 whole items?

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

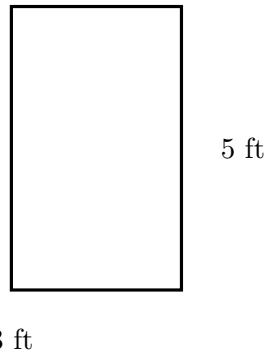
C. $\frac{5}{1}$

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

D. $\frac{5}{2}$



Scan me!
For more practice
& answers



6)

Find the area of this rectangle.

 A. 8 sq ft B. 15 sq ft C. 12 sq ft D. 30 sq ft

7) Ravi has 4 bags with 5 toys each and loses 8 toys. How many toys are left?

8) Noah has 12 toy cars. He wants to make 2 equal rows. How many cars will be in each row?

 A. 5 B. 14 C. 10 D. 6

9) A rectangular table has a length of 8 inches and a width of 7 inches. Find the area of the table.

 A. 30 sq in B. 112 sq in C. 15 sq in D. 56 sq in

1) A bread loaf is cut into 8 equal slices. What fraction is one slice?

- A. $\frac{1}{8}$
 B. $\frac{1}{6}$

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

2) Which shows a correct way to find the total area of an L-shaped figure?

- A. Multiply the length times the width once
 B. Break it into rectangles and add their areas
- C. Multiply the perimeter by 2
 D. Count only the longest parts

3) A rectangle is divided with 3 vertical lines making 4 equal columns. How many parts is the rectangle divided into?



- A. 2 parts
 B. 5 parts

- C. 3 parts
 D. 4 parts

4) A tiling splits a rectangle into $2 \times (9 + 1)$. What is the total area of both smaller rectangles?

- A. 11
 B. 18

- C. 20
 D. 10



5) Quinn has 3 baskets with 5 apples in each. Quinn gives away 3 apples. How many apples does Quinn have left?

A. 8

C. 15

B. 12

D. 18

Container	Volume
Bottle	750 mL
Jug	2 L
Glass	250 mL
Cup	200 mL

6)

Which container holds the most liquid?

A. Bottle

C. Glass

B. Jug

D. Cup

7) There are 6 baskets with apples. Each basket has 7 apples. How many apples are there?

A. 42

C. 48

B. 36

D. 13

8) Noah loses 3 of 6 marbles. What fraction did he lose in simplest form?



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.** **3.4(B)** The ones digit is 4. Since $4 < 5$, round down: 804 rounds to 800.
- 2) **Choice B is correct.** **3.8(B)** Red: $4 \text{ stars} \times 2 = 8$. Blue: $2 \text{ stars} \times 2 = 4$.
- 3) **Choice D is correct.** **3.4(K)** 6 boxes with 9 cars each: $6 \times 9 = 54$.
- 4) **Choice C is correct.** **3.7(A)** $\frac{3}{4}$ means 3 out of 4 parts, which is the third tick mark from 0.
- 5) **Choice A is correct.** **3.3(G)** $\frac{4}{2}$ means 4 halves. 2 halves make 1 whole, so $4 \div 2 = 2$ wholes.
- 6) **Choice B is correct.** **3.3(G)** Multiply numerator and denominator by 2: $\frac{1 \times 2}{3 \times 2} = \frac{2}{6}$.
- 7) **Choice A is correct.** **3.3(G)** Sam ate $\frac{1}{3}$, which is equivalent to $\frac{2}{6}$.
- 8) **Choice D is correct.** **3.4(D)** 5 shelves with 8 boxes each means 5 groups of 8. So $5 \times 8 = 40$ boxes.
- 9) **Choice D is correct.** **3.4(A)** Step 1: Total sheets: $5 \times 10 = 50$ sheets. Step 2: Divide among students: $50 \div 5 = 10$ sheets per student.
- 10) **Choice B is correct.** **3.6(E)** Four shaded parts out of six equal parts is $\frac{4}{6}$.
- 11) **Choice D is correct.** **3.6(D)** Area is the amount of space inside a flat shape. It is measured in square units such as square inches, square feet, or square centimeters. Perimeter and length use regular units (inches, feet), not square units.
- 12) **The correct answer is 0 right angles.** **3.6(B)** A trapezoid can have no right angles.
- 13) **Choice A is correct.** **3.4(A)** Add three numbers: $145 + 208 + 197 = 550$. Ones: $5 + 8 + 7 = 20$ (write 0, carry 2). Tens: $4 + 0 + 9 + 2 = 15$ (write 5, carry 1). Hundreds: $1 + 2 + 1 + 1 = 5$.
- 14) **Choice A is correct.** **3.2(C)** Point F at 4 on a halves-divided line is the 8th half-mark: $\frac{8}{2} = 4$.
- 15) **Choice C is correct.** **3.3(G)** $\frac{2}{3} = \frac{4}{6}$ because they both represent two-thirds of the distance from 0 to 1.
- 16) **Choice A is correct.** **3.7(C)** 4 : 00 to 4 : 40 is 40 minutes.
- 17) **Choices B and C are correct.** **3.5(A)** 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.** **3.3(H)** X is halfway between 0 and $\frac{1}{3}$, which is $\frac{1}{6}$. Y is between $\frac{1}{3}$ and 1, at the $\frac{1}{2}$ mark.
- 19) **Choice D is correct.** **3.4(K)** Multiply: $6 \text{ rows} \times 9 \text{ trees per row} = 54 \text{ trees}$.
- 20) **Choice A is correct.** **3.4(H)** $24 \div 6$ divides 24 items into 6 equal groups, which matches sharing 24 cookies among 6 friends.
- 21) **The correct answer is 9 pencils.** **3.7(A)** Add all X's: $2 + 1 + 3 + 2 + 1 = 9$ pencils total.
- 22) **Choice D is correct.** **3.6(C)** Wall area = $8 \text{ ft} \times 2 \text{ ft} = 16$ square feet = 16 unit-square tiles.
- 23) **Choice A is correct.** **3.6(C)** Area = length \times width, so $36 = \text{length} \times 4$. Therefore, length = $36 \div 4 = 9$ feet. Choice B (8) is a common error; C (40) confuses with perimeter; D (32) is area minus width.
- 24) **Choice D is correct.** **3.5(D)** The multiplication fact $3 \times 5 = 15$ tells us that 15 beads divided into 3 necklaces gives 5 beads each. $15 \div 3 = 5$.
- 25) **Choice C is correct.** **3.4(A)** $5 \times 7 = 35$, which is odd. Choices A, B, D all have an even factor, so they give even products.
- 26) **Choice A is correct.** **3.3(C)** Adding four unit fractions of $\frac{1}{6}$ gives $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \frac{4}{6}$.
- 27) **Choice C is correct.** **3.6(D)** $4 \times 4 = 16$ unit squares, area is 16 square units.
- 28) **Choice D is correct.** **3.6(C)** Area = $9 \times 3 = 27$ square meters.
- 29) **The correct answer is 48.** **3.4(A)** $6 \times 5 = 30$ and $6 \times 3 = 18$, so $30 + 18 = 48$.
- 30) **Choice C is correct.** **3.6(D)** Top: $8 \times 3 = 24$ sq units. Bottom: $5 \times 2 = 10$ sq units. Total: $24 + 10 = 34$ sq units.



Hi, Math Champion!

◇ You trained hard! 6 full practice tests is real practice. Your math game is way better now than when you started. ◇

★ **Coach's truth:** kids who practice get better. You practiced. You got better. That's how it works!

★

Your Game Stats

- **Energy:** HIGH! You can finish a long test.
- **Smart Plays:** You know lots of strategies.
- **Calm Head:** You stay cool with hard problems.
- **Game-Day Ready:** You feel strong and prepared.

Coach's tip: the night before the test, get good sleep. Eat a good breakfast. Bring a sharp pencil. Trust your training!

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

Jay Daie

Your Math Coach

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