

# 6 Florida FAST

## GRADE 4 MATH PRACTICE TESTS

Standards-Aligned Review with  
Mixed Practice and Answer Key



**MASTER KEY MATH CONCEPTS**  
**BUILD CONFIDENCE FOR TEST DAY**

**INCLUDES COMPREHENSIVE ANSWER KEY**  
**ALIGNED STATE STANDARDS**

# 6 Florida FAST Grade 4 Math Practice Tests

*Standards-Aligned Review with Mixed Practice and Answer Key*



Six complete 30-question Grade 4 practice rounds for FAST, built around sunny shorelines, orange groves, and quick fact checks, with answer keys and clear explanations for every item.

**Jay Daie and Reza Nazari**



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# Welcome, Florida Math Explorer!

Six steady rounds on the Sunshine State math route

This book gives you six full Grade 4 practice tests for FAST. Each round uses sunny shorelines, orange groves, and quick fact checks to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

## Florida 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 Florida FAST 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 Sunshine 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?

Six tests, 180 questions, and a full FAST 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 4–6	Stamina rounds for mixed review, neat work, and flexible strategies.
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.



Scan me!  
For more practice  
& answers

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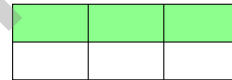
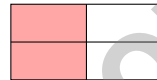
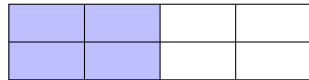
1) A rectangle has a perimeter of 50 feet. If the length is 15 feet, what is the width?

- A. 5 ft                                       C. 15 ft  
 B. 10 ft                                      D. 20 ft

2) What is 78,234 rounded to the nearest hundred?

- A. 78,000                                     C. 78,230  
 B. 78,300                                     D. 78,200

3) Look at the grids below. Which two fractions are equal?



Grid 1:  $\frac{4}{8}$

Grid 2:  $\frac{2}{4}$

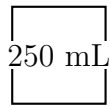
Grid 3:  $\frac{3}{6}$

- A. Grid 1 and Grid 2                       C. Grid 1 and Grid 3  
 B. Grid 2 and Grid 3                       D. All three are equal
- 4) Which number sentence correctly shows decomposing a fraction into unit fractions?
- A.  $\frac{6}{8} = \frac{1}{8} + \frac{5}{8}$                                C.  $\frac{6}{8} = \frac{2}{8} + \frac{2}{8} + \frac{2}{8}$   
 B.  $\frac{6}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$        D.  $\frac{6}{8} = \frac{6}{16}$

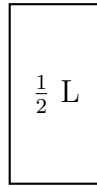


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## Liquid Containers



Container A



Container B



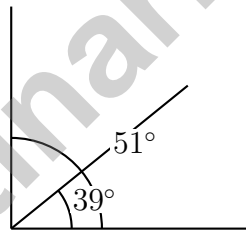
Container C

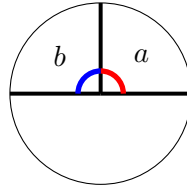
5)

If you pour all three containers together, how many milliliters of liquid do you have in total?

 A. 450 mL C. 750 mL B. 650 mL D. 950 mL

6) Two pieces of ribbon are arranged at a vertex. The first ribbon makes an angle of  $39^\circ$  and the second makes an angle of  $51^\circ$ . Together, what angle do the ribbons form?

 A.  $90^\circ$  C.  $39^\circ$  B.  $51^\circ$  D.  $130^\circ$ 



7)

Angles  $a$  and  $b$  are marked in the diagram. What is the sum  $a + b$ ?

- A.  $90^\circ$ 
 C.  $270^\circ$   
 B.  $180^\circ$ 
 D.  $360^\circ$

8) If a digit is in the thousands place, and another identical digit is in the ones place, how many times greater is the value of the thousands digit?

- A. 10
  C. 1,000  
 B. 100
  D. 10,000

9) Maria has 3 stickers. Sam has 2 times as many stickers as Maria. How many stickers does Sam have?

- A. 3
  C. 4  
 B. 5
  D. 6

10) Which multiplication sentence matches the fraction bar below?



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

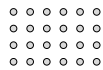


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5) Mia arranged 24 stickers into arrays. Which array does NOT show a factor pair of 24?

A.  $4 \times 6$



B.  $5 \times 5$



C.  $3 \times 8$



D.  $2 \times 12$



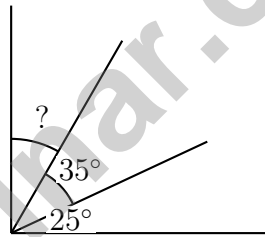
A.  $4 \times 6$

C.  $3 \times 8$

B.  $5 \times 5$

D.  $2 \times 12$

6) A right angle measures  $90^\circ$ . It is divided into three parts: the first is  $25^\circ$ , the second is  $35^\circ$ . What is the measure of the third part?



A.  $30^\circ$

C.  $90^\circ$

B.  $60^\circ$

D.  $10^\circ$

7) Sam runs 3 miles to get to the park. How many feet is this?

A. 528

C. 5,280

B. 1,584

D. 15,840



1) In the number 3,817, the digit 8 represents which of these?

- A. 8 ones                       C. 8 hundreds  
 B. 8 tens                       D. 8 thousands

2) An angle measures  $143^\circ$ . It is divided into two parts by a ray. One part measures  $68^\circ$ . What is the measure of the other part?

3) A rectangular classroom is 12 meters long and 8 meters wide. How much distance would you walk if you walked around the entire edge of the room once?

- A. 20 m                       C. 96 m  
 B. 40 m                       D. 48 m

4) Kai started with  $5\frac{4}{6}$  meters of rope. He cut off a piece, leaving  $2\frac{2}{6}$  meters. How much rope did he cut off?

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

5) Find the first four multiples of  $\frac{2}{6}$ .

- A.  $\frac{2}{6}, \frac{4}{6}, \frac{6}{6}, \frac{8}{6}$                        C.  $\frac{1}{6}, \frac{2}{6}, \frac{3}{6}, \frac{4}{6}$   
 B.  $\frac{2}{6}, \frac{2}{12}, \frac{2}{18}, \frac{2}{24}$                        D.  $\frac{2}{6}, \frac{3}{6}, \frac{4}{6}, \frac{5}{6}$





## Practice Test Answer Keys

**How to use this section with a Grade 4 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 B is correct.** (MA.4.GR.2.1) Using  $P = 2\ell + 2w = 50$  with  $\ell = 15$ :  $2(15) + 2w = 50$ . Simplify:  $30 + 2w = 50$ , so  $2w = 20$ , thus  $w = 10$  ft.
- 2) **Choice D is correct.** (MA.4.NSO.1.1) We're rounding to the nearest hundred. Look at the tens digit: 3. Since  $3 < 5$ , we round DOWN. The hundreds digit stays at 2, giving us **78,200**. ✓
- 3) **Choice D is correct.** (MA.4.FR.1.3) Grid 1 shows  $\frac{4}{8}$  with half shaded, Grid 2 shows  $\frac{2}{4}$  with half shaded, Grid 3 shows  $\frac{3}{6}$  with half shaded. All equal!
- 4) **Choice B is correct.** (MA.4.FR.2.1) To decompose means to break apart. Breaking  $\frac{6}{8}$  into unit fractions means showing it as a sum of  $\frac{1}{8}$ 's:  $\frac{6}{8} = \underbrace{\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}}_{6 \text{ copies}}$ .
- 5) **Choice D is correct.** (MA.4.M.1.2) Convert  $\frac{1}{2}$  L to mL:  $\frac{1}{2} \times 1,000 = 500$  mL. Add all:  $250 + 500 + 200 = 950$  mL. The answer is **950 mL**.
- 6) **Choice A is correct.** (MA.4.GR.1.3) The two ribbons meet at a vertex and form an angle. Add them:  $39^\circ + 51^\circ = 90^\circ$ .
- 7) **Choice B is correct.** (MA.4.GR.1.1) The diagram shows two right angles: angle  $a$  is  $90^\circ$  (right to up), and angle  $b$  is  $90^\circ$  (up to left). Together:  $90^\circ + 90^\circ = 180^\circ$ .
- 8) **Choice C is correct.** (MA.4.NSO.1.1) If the same digit is in the thousands place (worth digit  $\times 1,000$ ) and the ones place (worth digit  $\times 1$ ), the ratio is  $1,000 \div 1 = 1,000$ . ✓
- 9) **Choice D is correct.** (MA.4.AR.2.2) "2 times as many" is your signal to multiply. Sam has 2 groups of Maria's 3 stickers:  $2 \times 3 = 6$ . So Sam has **6** stickers.
- 10) **Choice C is correct.** (MA.4.FR.2.4) Count the shaded (green) parts: there are 3 shaded parts. Count the equal parts: there are 4 total parts. So this is  $3 \times \frac{1}{4} = \frac{3}{4}$ .
- 11) **Choice B is correct.** (MA.4.FR.2.1) Starting at 0, the first hop goes right by  $\frac{3}{4}$ . The second hop adds  $\frac{1}{4}$  more, landing exactly at 1. That's  $\frac{3}{4} + \frac{1}{4} = 1$ .
- 12) **Choice A is correct.** (MA.4.FR.2.3) Look at the tenths place: 0.65 has 6 tenths while 0.56 has 5 tenths. Since  $6 > 5$ ,  $0.65 > 0.56$ , and Maya's rope is longer.
- 13) **Choice D is correct.** (MA.4.AR.1.1) The diagram shows 5 equal boxes holding 55 balls in all—"equal groups" is a division signal. Step 1: set up the division:  $55 \div 5$ . Step 2: solve:  $55 \div 5 = 11$  balls per box. *Quick check:*  $5 \times 11 = 55$ . ✓
- 14) **Choice A is correct.** (MA.4.M.2.1) Flour weighs 32 ounces and sugar weighs 25 ounces. Subtract to find the difference:  $32 - 25 = 7$  ounces. The flour weighs **7** ounces more.
- 15) **Choice D is correct.** (MA.4.AR.3.1) We need a number that pairs with 3 to make 42. Ask:  $3 \times ? = 42$ . Since  $3 \times 14 = 42$ , the missing factor is **14**.
- 16) **The correct answer is  $2\frac{6}{8}$ .** (MA.4.FR.2.1) Since  $\frac{5}{8} < \frac{7}{8}$ , regroup:  $6\frac{5}{8} = 5\frac{13}{8}$ . Then subtract:  $5\frac{13}{8} - 3\frac{7}{8} = 2\frac{6}{8}$ .
- 17) **The correct answer is A, C.** (MA.4.GR.1.1) For statements about right triangles: Statement A is correct because a right triangle has exactly one angle measuring 90 degrees. Statement C is also correct because besides the 90-degree angle, the other two angles must be acute (less than 90 degrees). Statement B is false (right triangles do not have all angles less than 90). Statement D is false (right triangles have one 90-degree angle, not angles greater than 90). Statement E is false (triangles have three angles total, but only one is 90 degrees in a right triangle). The answer is A and C.
- 18) **Choice C is correct.** (MA.4.AR.1.2) The largest measurement is  $\frac{5}{8}$  in and the smallest is  $\frac{2}{8}$  in. The difference is  $\frac{5}{8} - \frac{2}{8} = \frac{3}{8}$  in.
- 19) **Choice A is correct.** (MA.4.NSO.2.4) Use long division:  $16 \div 8 = 2$ , bring down the 2 to get  $2 \div 8 = 0$  r2, bring down the 4 to get  $24 \div 8 = 3$ . Each shelf gets **203** books.
- 20) **Choice D is correct.** (MA.4.AR.2.2) Classroom B's group has 4 rows of 8 books—"4 times as many." Multiply:  $4 \times 8 = 32$  books.
- 21) **The correct answer is  $\frac{2}{5}$ .** (MA.4.FR.1.3) Check each one:  $\frac{1}{3} = \frac{2}{6}$  (multiply by 2) and  $\frac{1}{3} = \frac{3}{9}$  (multiply by 3). But  $\frac{2}{5}$  is different—not equivalent to  $\frac{1}{3}$ .



Star Player Pep Talk

---

## Hi, Star Player!

◇ 6 practice tests. Every one of them was a chance to grow. You took every chance. That's why you're a math star today! ◇

★ **Star players know:** confidence comes from practice. You can't fake it. You build it. You built yours over 6 tests. It's real now! ★

### Star Player Stats

- **Practice:** OFF THE CHARTS!
- **Skills:** BROAD! You can do many problem types.
- **Toughness:** HIGH! You don't quit on hard problems.
- **Game Plan:** READY! You know your strategies.

**Star tip:** on test day, take it one play at a time. One problem. Then the next. You will earn your stars!

If you want to share something or ask a question, please email me at [jay@testinar.com](mailto:jay@testinar.com).

**Jay Daie**

Your Math Coach

# PRACTICE TODAY, SUCCEED TOMORROW!

This **Grade 4 Math Practice Tests** book is the perfect tool to help students strengthen their math skills, master important concepts, and build confidence for test success.

With 6 full-length practice tests, a variety of question types, and detailed answer explanations, students get the review and practice they need to improve accuracy, develop critical thinking, and achieve their best.

Ideal for classroom use, homework, test preparation, and extra practice at home.

## PERFECT FOR:

- ✓ Classroom Practice
- ✓ Homework & Review
- ✓ Independent Learning
- ✓ Test Preparation
- ✓ Skill Reinforcement
- ✓ Confidence Building

★ **CONFIDENCE IN MATH.  
SUCCESS FOR LIFE.**

## WHAT STUDENTS WILL GAIN



### Stronger Math Skills

Build a solid foundation through targeted practice and review.



### Better Problem Solving

Develop logical thinking and effective solution strategies.



### Test Confidence

Become familiar with test-style questions and formats.



### Track Progress

Measure growth across multiple practice tests.



### Master Key Concepts

Reinforce important skills aligned with grade-level standards.



### Prepare for Success

Build the confidence needed to do your best on test day.

## TOPICS COVERED

- ✓ Place Value & Number Sense
- ✓ Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Equivalent Fractions
- ✓ Decimals
- ✓ Geometry & Measurement
- ✓ Perimeter & Area
- ✓ Data, Graphs & Line Plots
- ✓ Patterns & Algebraic Thinking
- ✓ And More!



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