

# 3

# Florida FAST

## GRADE 4

# MATH PRACTICE TESTS

Standards-Aligned Review with  
Mixed Practice and Answer Key



**5 FULL-LENGTH  
PRACTICE TESTS**



**STANDARDS-ALIGNED  
REVIEW**



**MIXED PRACTICE  
QUESTIONS**



**ANSWER KEY  
INCLUDED**

$$a^2 + b^2 = c^2$$

$$\frac{3}{4}$$



# 3 Florida FAST Grade 4 Math Practice Tests

*Standards-Aligned Practice for Stronger Math Skills and Test Readiness*



Three 30-question trail tests packed with Grade 4 review, Florida FAST strategy tips, answer keys, and step-by-step explanations that turn every miss into the next move.

**Jay Daie and Reza Nazari**



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# Welcome, Florida Math Explorer!

Three steady rounds on the Sunshine State math route

This book gives you three full Grade 3 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?

Three tests, 90 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 1–3	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 1–3	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) Rename  $5 \times \frac{1}{4}$  as a mixed number.

- A.  $1\frac{1}{4}$   
 B.  $1\frac{1}{5}$

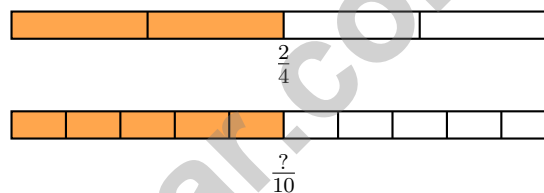
- C.  $2\frac{1}{4}$   
 D.  $\frac{5}{4}$

2) A printer prints 250 pages per hour. How many pages does it print in 3 hours? Then 105 pages are removed. How many are left?

- A. 750  
 B. 855

- C. 105  
 D. 645 pages

3) Look at the two fraction strips. Both strips are the same length.



What number replaces the question mark?

- A. 3  
 B. 4

- C. 5  
 D. 6

4) Mia plants flowers in 7 rows with 25 flowers in each row. How many flowers does she plant?

- A. 140  
 B. 210

- C. 175  
 D. 245



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- 5) What is 39,845 rounded to the nearest ten thousand?
- A. 30,000                       C. 40,000  
 B. 39,000                       D. 50,000
- 6) Ava has  $\frac{2}{10}$  of a pizza. What fraction with denominator 100 is this equal to?
- A.  $\frac{2}{100}$                                C.  $\frac{20}{100}$   
 B.  $\frac{12}{100}$                              D.  $\frac{22}{100}$
- 7) A school library has 12 books about animals. It has 4 times as many books about sports. How many sports books does the library have?
- A. 16                                       C. 42  
 B. 32                                       D. 48
- 8) A park has 5 oak trees. This is 5 times as many as the number of maple trees. How many maple trees does the park have?
- A. 25                                       C. 10  
 B. 5                                          D. 1
- 9) A fan blade rotates  $\frac{7}{12}$  of a full turn. What is the angle measurement in degrees?



10) A grain of rice weighs  $\frac{1}{12}$  ounce. How much do 10 grains weigh?

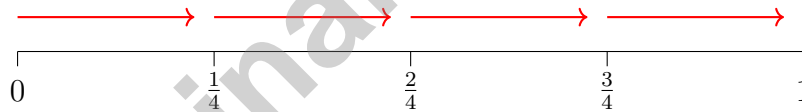
- A.  $\frac{1}{120}$  ounce                       C.  $\frac{12}{10}$  ounces  
 B.  $\frac{10}{12}$  ounce                         D.  $\frac{10}{120}$  ounce

11) What is the next number in the sequence? 3, 6, 12, 24, 48, \_\_\_

12) Is 30 prime or composite?

- A. Prime                                       C. Neither  
 B. It depends                                 D. Composite

13) A number line shows equal jumps. Use it to find how many  $\frac{1}{4}$  are in  $\frac{4}{4}$ .



- A. 1     C. 3  
 B. 2     D. 4

14) Sofia has 3,472 stickers. What is the place value of the digit 4 in her total?

- A. 4     C. 400  
 B. 40      D. 4,000



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1) Olivia has  $2\frac{4}{8}$  hours of free time. She spends  $1\frac{2}{8}$  hours playing games. How much free time does she have left?

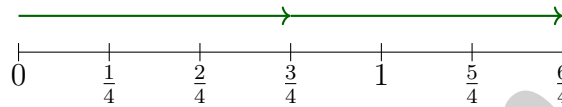
A.  $1\frac{2}{8}$

C.  $2\frac{2}{8}$

B.  $3\frac{6}{8}$

D.  $1\frac{6}{8}$

2) Use the number line to find  $2 \times \frac{3}{4}$ .



A.  $\frac{5}{4}$

C.  $\frac{3}{4}$

B.  $\frac{6}{4}$  or  $1\frac{1}{2}$

D.  $\frac{8}{4}$  or 2

3) A quadrilateral has tick marks on all four sides. How many equal sides are marked?



4) Add:  $12,345 + 23,456 = ?$

A. 35,701

C. 35,711

B. 36,801

D. 35,801

5) Ethan has 3 meters of fabric. How many millimeters is this?

A. 30

C. 3,000

B. 300

D. 30,000





1) Jayden read  $2\frac{1}{8}$  chapters in the morning,  $3\frac{4}{8}$  chapters in the afternoon, and  $1\frac{2}{8}$  chapters in the evening. How many chapters did he read in total?

A.  $6\frac{7}{8}$  chapters

C.  $6\frac{5}{8}$  chapters

B.  $6\frac{6}{8}$  chapters

D.  $7\frac{1}{8}$  chapters

2) Round 66,505 to the nearest thousand.

A. 66,000

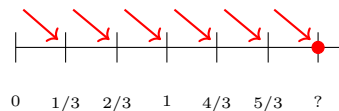
C. 66,500

B. 70,000

D. 67,000

3) Write  $\frac{9}{12}$  as a sum of three equal fractions. What is each fraction?

4) A number line shows jumps of  $\frac{1}{3}$  starting at 0. If you make 6 jumps, where do you land?



A.  $\frac{1}{3}$

C. 2

B. 1

D. 3



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5) A garden bed requires  $\frac{2}{3}$  bag of soil. How many bags are needed for 6 garden beds?

A.  $\frac{6}{3}$  bags (or 2 bags)

B.  $\frac{2}{18}$  bag

C.  $\frac{12}{3}$  bags (or 4 bags)

D.  $\frac{6}{9}$  bag

6) What is the quotient of  $2,805 \div 5$ ?

A. 561

B. 551

C. 541

D. 571

7) A line plot with eighths shows: 1 X mark at  $\frac{1}{8}$ , 2 X marks at  $\frac{3}{8}$ , 3 X marks at  $\frac{5}{8}$ .  
What is the total number of X marks?

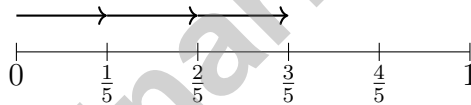
A. 4

B. 5

C. 6

D. 7

8) Use the number line to find  $3 \times \frac{1}{5}$ .



A.  $\frac{3}{5}$

B.  $\frac{1}{15}$

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

D.  $\frac{5}{3}$

9) A school cafeteria prepares 24 trays of food. Each tray serves 12 people. How many people can be served?



## 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

- Choice A is correct.** (MA.4.FR.2.4) Five fourths:  $5 \times \frac{1}{4} = \frac{5}{4}$ . As a mixed number, that's  $1\frac{1}{4}$  (one whole and one fourth).
- Choice D is correct.** (MA.4.AR.1.1) Two steps! Step 1: find the total pages printed:  $250 \times 3 = 750$  pages. Step 2: take away the removed pages:  $750 - 105 = 645$  pages left.
- Choice C is correct.** (MA.4.FR.1.3) First simplify the first fraction:  $\frac{2}{4} = \frac{1}{2}$ . Now find the equivalent with denominator 10:  $\frac{1}{2} = \frac{1 \times 5}{2 \times 5} = \frac{5}{10}$ .
- Choice C is correct.** (MA.4.NSO.2.4) Use place value:  $7 \times (20 + 5) = 140 + 35 = 175$  flowers.
- Choice C is correct.** (MA.4.NSO.1.1) We're rounding to the nearest ten thousand. Look at the thousands digit: 9. Since  $9 \geq 5$ , we round UP! The ten thousands digit changes from 3 to 4, giving us **40,000**. ✓
- Choice C is correct.** (MA.4.FR.2.3) To convert  $\frac{2}{10}$  to a fraction with denominator 100, multiply both numerator and denominator by 10:  $\frac{2}{10} = \frac{2 \times 10}{10 \times 10} = \frac{20}{100}$ .
- Choice D is correct.** (MA.4.AR.2.2) "4 times as many" is a multiplication signal:  $4 \times 12 = 48$ . *Tip:*  $4 \times 10 = 40$  and  $4 \times 2 = 8$ , so  $40 + 8 = 48$  sports books.
- Choice D is correct.** (MA.4.AR.2.2) We know the larger amount is 5 oak trees, and that's 5 times the maple trees. To find the smaller amount, divide:  $5 \div 5 = 1$  maple tree.
- The correct answer is 210.** (MA.4.GR.1.1) Multiply the fraction by 360:  $\frac{7}{12} \times 360^\circ = 7 \times 30^\circ = 210^\circ$ .
- Choice B is correct.** (MA.4.FR.2.4) Ten grains of rice, each weighing  $\frac{1}{12}$  ounce, weigh  $10 \times \frac{1}{12} = \frac{10}{12}$ , which simplifies to  $\frac{5}{6}$  ounce.
- The correct answer is 96.** (MA.4.AR.3.1) Double each term: 3, 6, 12, 24, 48, **96**. The next term is **96**.
- Choice D is correct.** (MA.4.AR.3.1) Hunt for factors beyond 1 and itself. 30 has lots of pairs:  $2 \times 15$ ,  $3 \times 10$ ,  $5 \times 6$ . With more than two factors, 30 is **composite**.
- Choice D is correct.** (MA.4.FR.2.1) The number line shows four arrows, each jumping  $\frac{1}{4}$ . Counting them: **4** jumps of  $\frac{1}{4}$  equal 1 whole.
- Choice C is correct.** (MA.4.NSO.1.1) In 3,472, the digit 4 is in the hundreds place. Its value is  $4 \times 100 = 400$ . ✓
- Choice A is correct.** (MA.4.NSO.1.2) Start in the ones place:  $0 < 5$ , so regroup one ten as 10 ones. Then subtract from right to left carefully. The answer is **4,835**.
- Choice D is correct.** (MA.4.GR.1.1) Vertex is a part of an angle (where two rays meet), not a type of angle. The types are acute, right, obtuse, and straight.
- The correct answer is A, C.** (MA.4.GR.1.1) A square balances in four ways: two lines go through opposite corners (diagonals), and two go through the midpoints of opposite sides. Choice A is correct (4 lines). Choice C is correct (lines through side midpoints exist). B is wrong because  $4 \neq 2$ . D is wrong because hexagons have 6, not more than 4. E is wrong because both diagonal lines are lines of symmetry!
- The correct answer is  $1\frac{1}{7}$ .** (MA.4.FR.2.1) Add the fractions:  $\frac{5}{7} + \frac{3}{7} = \frac{8}{7}$ . Convert to a mixed number:  $1\frac{1}{7}$ .
- Choice B is correct.** (MA.4.FR.2.1) Add the wholes:  $1 + 3 = 4$ . Add the fractions:  $\frac{5}{8} + \frac{3}{8} = \frac{8}{8} = 1$ . Combine:  $4 + 1 = 5$ .
- Choice B is correct.** (MA.4.GR.1.1) A triangle with three equal sides is called an equilateral triangle. The three equal angles in an equilateral triangle each measure 60 degrees, making them all acute. The answer is **B**.
- Choice A is correct.** (MA.4.GR.1.3) The diagram shows a ray dividing the angle. Add both parts:  $44^\circ + 71^\circ = 115^\circ$ .
- Choice D is correct.** (MA.4.NSO.1.2) Step 1:  $400,000 + 80,000 + 3,000 = 483,000$ . Step 2:  $483,000 + 200 + 1 = 483,201$ . ✓
- Choice C is correct.** (MA.4.GR.2.1) Start with  $P = 2\ell + 2w = 24$ . Substitute  $\ell = 7$ :  $2(7) + 2w = 24$ . Simplify:  $14 + 2w = 24$ , so  $2w = 10$ , thus  $w = 5$  m.
- Choice A is correct.** (MA.4.FR.2.4) When we multiply a whole number by a unit fraction, we get that many copies of the unit fraction. So  $5 \times \frac{1}{12}$  means 5 copies of  $\frac{1}{12}$ , which is  $\frac{5}{12}$ .



## Hi, Math Pilot!

◇ 3 flights done in your math airplane. You have flown through smooth skies and bumpy clouds. You are a real pilot now. ◇

★ **Pilots know:** a good check before takeoff makes a smooth flight. Before each problem, do your check: read, plan, solve, verify. ★

### Pilot Skills

- **Pre-Flight:** You read the question carefully.
- **Steering:** You pick the right strategy.
- **Smooth Flight:** You stay calm in long tests.
- **Landing:** You always check your final answer.

**Pilot tip:** on test day, take off one problem at a time. Trust your training. You earned your wings!

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 Pilot

# PRACTICE TODAY. SUCCEED TOMORROW!

This **Grade 4 Math Practice Tests** book is designed to help students build strong math skills, master key concepts, and gain the confidence they need to excel on any test.

With 3 full-length practice tests, a variety of question types, and detailed answer explanations, students get the review and practice they need to strengthen problem-solving skills and achieve their best.

Perfect 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

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SUCCESS TOMORROW!

## 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.



### Prepare for Success

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

## TOPICS COVERED

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- ✓ Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Decimals
- ✓ Measurement & Data
- ✓ Geometry & Shapes
- ✓ Perimeter & Area
- ✓ Word Problems
- ✓ Patterns & Algebraic Thinking
- ✓ And More!



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