7 Florida FAST

GRADE 5

MATHEMATICS PRACTICE TESTS

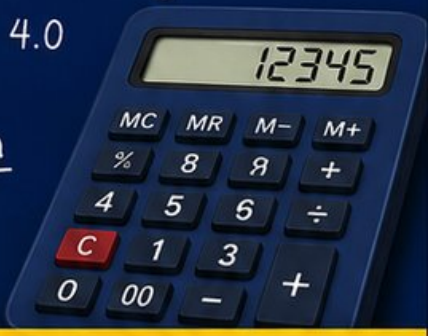
PRACTICE
PREPARE
SUCCEED

Comprehensive Standards-Aligned Review for Strong Grade 5 Math Performance

$\frac{3}{4} + \frac{2}{4} = \frac{5}{4}$

$2.4 + 1.6 = 4.0$

$A = \frac{bh}{2}$



7 FULL-LENGTH PRACTICE TESTS
Realistic style questions

STANDARDS-ALIGNED
Covers all Grade 5 standards

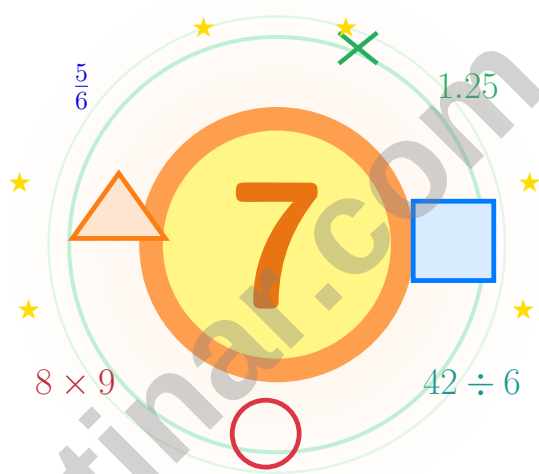
BUILD CONFIDENCE
Target weak areas and improve performance

ACHIEVE SUCCESS
Develop skills, stay prepared, excel on test day

★ PRACTICE TODAY. PERFORM TOMORROW. SUCCEED FOREVER. ★

7 Florida FAST Grade 5 Math Practice Tests

Seven practice tests woven into one calm routine



Seven full tests, a concise review, and helpful support that turns Grade 5 practice in The Sunshine State into steady, confident growth from page one to the final check.

Jay Daie and Reza Nazari

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Florida Grade 5: Practice Path Briefing

A seven-step adventure for Florida Grade 5 thinkers

Just for Florida Grade 5 Trail Specialists

This practice book is your steady companion for seven tests, not a place to be perfect. Strong math work moves like a manatee in clear water: slow, steady, and full of quiet power.

Use these seven tests like stepping-stones. Take one test at a time, check your answers honestly, and notice which skills need more attention. Small improvements add up across seven rounds.

See

See the question fully before you start the math.

Plan

Pick a strategy that fits the numbers in front of you.

Build

Build the answer step by step, no shortcuts.

A strong habit for Florida mathematicians: read carefully, estimate when it helps, show your steps, and keep going even when a question feels tricky. That is how steady math confidence is built.

Your Step-by-Step Plan

A simple routine that turns practice into progress

Step 1: Set Up

Pencil ready, distractions gone.
Spend a few minutes waking up your memory before the test begins.

Step 2: Work the Test

Take a full test like the real day.
Work in a calm spot and focus on careful thinking before speed.

Step 3: Look Back

Walk through your answers without rushing.
Circle missed questions and notice which topics keep showing up.

Step 4: Climb Higher

Pick one or two skills to sharpen next.
Read the explanation, repair the work, and bring that lesson into the next test.

A Good 7-Week Florida Rhythm

Week 1	Take Test 1 like a clear morning paddle.
Week 2	Take Test 2 and slow down on word problems.
Week 3	Take Test 3 and lift fraction and decimal work.
Week 4	Take Test 4 and pay close attention to labels and units.
Week 5	Take Test 5 and compare your habits with your first test.
Week 6	Take Test 6 and practice staying calm during tricky questions.
Week 7	Take Test 7 with sunshine focus and careful checking.

Table of Contents

Grade 5 Mathematics Reference Materials

PERIMETER AND AREA

Perimeter of Rectangle	$P = 2l + 2w$ or $P = 2(l + w)$
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Customary	**Metric**
1 foot (ft) = 12 inches (in.)	1 meter (m) = 100 centimeters (cm)
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1 minute (min) = 60 seconds (sec)	1 week = 7 days
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1) Convert to improper fractions and subtract: $5\frac{2}{5} - 2\frac{3}{5}$.

☐ A. $\frac{12}{5}$
☐ B. $\frac{40}{5}$
☐ C. $\frac{16}{5}$
☐ D. $\frac{14}{5}$

2) Which expression is greater: $100 - (40 + 30)$ or $(100 - 40) + 30$?

☐ A. $100 - (40 + 30)$
☐ B. Cannot be determined.
☐ C. The expressions are equal.
☐ D. $(100 - 40) + 30$

3) A composite bookcase base is made from two non-overlapping rectangular prisms. Prism A is 4 centimeters long, 2 centimeters wide, and 5 centimeters tall. Prism B is 3 centimeters long, 3 centimeters wide, and 3 centimeters tall. What is the total volume?

☐ A. 67 cubic centimeters
☐ B. 40 cubic centimeters
☐ C. 27 cubic centimeters
☐ D. 75 cubic centimeters

4) Complete the sequence. What comes next?

Expression	3×10	3×100	3×1000	3×10000
Value	30	300	3000	?

☐ A. 300000
☐ B. 30000
☐ C. 3000
☐ D. 3

5) A garden project requires 1.45 m of wood trim and 2.38 m of border. How much material is needed total?

☐ A. 3.73 m
☐ B. 4.83 m
☐ C. 3.93 m
☐ D. 3.83 m

6) A teacher buys 18 notebooks at \$1.45 each and 12 pens at \$0.75 each. What is the total cost?

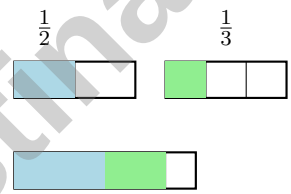
Item	Price	Quantity
Notebooks	\$1.45	18
Pens	\$0.75	12
Total Cost		**?**

☐ A. \$35.10
☐ B. \$35.70
☐ C. \$36.30
☐ D. \$37.20

7) Estimate: $4\frac{1}{10} - 1\frac{7}{8}$.

☐ A. 1
☐ B. 2
☐ C. 3
☐ D. 4

8) Add: $\frac{1}{2} + \frac{1}{3}$



$= \frac{5}{6}$

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

9) A cooler measures 7 feet long, 3 feet wide, and 8 feet tall. What is its volume?

☐ A. 21 cubic feet
☐ B. 56 cubic feet
☐ C. 168 cubic feet
☐ D. 24 cubic feet

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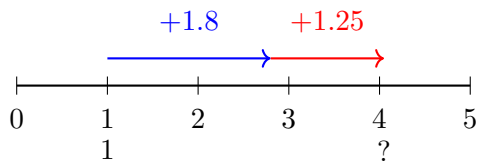
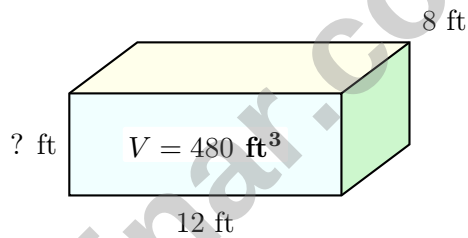
1) A number line visual for adding decimals:



What is $1 + 1.8 + 1.25$?

☐ A. 4.05
☐ B. 4.15
☐ C. 4.25
☐ D. 5.05

2) A building blueprint shows a room with volume 480 cubic feet. The length is 12 feet and the width is 8 feet. What must the height be?



☐ A. 4 feet
☐ B. 5 feet
☐ C. 6 feet
☐ D. 8 feet

3) Divide: $18.9 \div 3$. Which shows the correct steps?

Option	Steps
A	Divide $189 \div 3 = 63$, place decimal to get 6.3
B	Divide $189 \div 3 = 63$, place decimal to get 63.0
C	Divide $18 \div 3 = 6$ and ignore the 0.9
D	Divide $189 \div 3 = 63$, place decimal to get 63

☐ A. Option A
☐ B. Option B
☐ C. Option C
☐ D. Option D

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1) A water bottle holds 1.5 liters. If a person drinks 350 mL at breakfast, 280 mL at lunch, and 420 mL at dinner, how much water remains?
Use: 1 liter = 1,000 mL

☐ A. 350 mL
☐ B. 450 mL
☐ C. 500 mL
☐ D. 550 mL

2) Error analysis: Which student or students correctly multiplied $\frac{2}{3} \times \frac{4}{5}$?

Student	Work
Maria	$\frac{2}{3} \times \frac{4}{5} = \frac{6}{8} = \frac{3}{4}$
Juan	$\frac{2}{3} \times \frac{4}{5} = \frac{2+4}{3+5} = \frac{6}{8}$
Aisha	$\frac{2}{3} \times \frac{4}{5} = \frac{8}{15}$
Ahmed	$\frac{2}{3} \times \frac{4}{5} = \frac{8}{15}$

☐ A. None are correct
☐ B. Juan
☐ C. Maria and Juan
☐ D. Aisha and Ahmed

3) A comparison shows: Expression X = $(11 + 4)$; Expression Y = $(11 + 4) + (11 + 4)$. Which describes their relationship?

☐ A. Y is 2 more than X
☐ B. Y is less than X
☐ C. X is 2 more than Y
☐ D. Y is 2 times X

4) A student wrote $5 \times 10^2 = 50$. What is the error?

Expression	Student's Answer	Correct Answer
5×10^2	50	?

☐ A. Student added instead of multiplied
☐ B. The student is correct
☐ C. Exponent means add 2, not multiply by 100
☐ D. Decimal point moved 1 place instead of 2

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1) A runner divides a 6-mile workout into $\frac{1}{2}$-mile laps. How many laps are in the workout?

☐ A. 10 laps
☐ B. 20 laps
☐ C. 16 laps
☐ D. 12 laps

2) Which statement is always true?

☐ A. Every quadrilateral is a square.
☐ B. Every rectangle is a rhombus.
☐ C. Every square is both a rectangle and a rhombus.
☐ D. Every rhombus has four right angles.

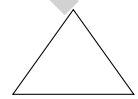
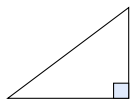
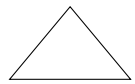
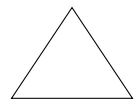
3) Find: $0.4 \div 10$.

Record your answer in the space provided.

4) Estimate: $\frac{7}{8} - \frac{3}{9}$.

☐ A. 0
☐ B. $1\frac{1}{2}$
☐ C. 1
☐ D. $\frac{1}{2}$

5) Which diagram shows a right triangle?

A  B  C  D 

☐ A. A
☐ B. B
☐ C. C
☐ D. D

Practice Test Answer Keys

How to use this section:

1. check your answer
2. circle missed questions
3. rework them before reading the explanation

Good correction habits build strong scores.

Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

1) **Choice D is correct.** MA.5.FR.2.1 $5\frac{2}{5} = \frac{27}{5}$ and $2\frac{3}{5} = \frac{13}{5}$. Subtracting: $\frac{27}{5} - \frac{13}{5} = \frac{14}{5}$.
2) **Choice D is correct.** MA.5.AR.2.1 The first expression subtracts the whole grouped amount $(40 + 30)$ from 100. The second expression subtracts 40 first, then adds 30 back, so the second expression is greater.
3) **Choice A is correct.** MA.5.GR.3.2 Find each part first: Prism A is $4 \times 2 \times 5 = 40$ cubic centimeters, and Prism B is $3 \times 3 \times 3 = 27$ cubic centimeters. Because the parts do not overlap, add them: $40 + 27 = 67$ cubic centimeters.
4) **Choice B is correct.** MA.5.FR.2.3 $3 \times 10000 = 30000$. Each power of 10 adds one more zero.
5) **Choice D is correct.** MA.5.NSO.2.3 Add: $1.45+2.38 = 3.83$ m (hundredths: $5+8 = 13$, regroup; tenths: $4+3+1 = 8$; ones: $1 + 2 = 3$).
6) **Choice A is correct.** MA.5.AR.1.1 Notebooks: $18 \times 1.45 = 26.10$ dollars. Pens: $12 \times 0.75 = 9.00$ dollars. Total: $26.10 + 9.00 = 35.10$ dollars.
7) **Choice B is correct.** MA.5.FR.2.2 $4\frac{1}{10} \approx 4$ and $1\frac{7}{8} \approx 2$. So $4\frac{1}{10} - 1\frac{7}{8} \approx 4 - 2 = 2$.
8) **Choice C is correct.** MA.5.FR.2.1 LCM(2,3) = 6. $\frac{1}{2} = \frac{3}{6}$ and $\frac{1}{3} = \frac{2}{6}$. $\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$.
9) **Choice C is correct.** MA.5.GR.3.3 Use the rectangular-prism volume formula: $7 \times 3 \times 8 = 168$. So the volume is 168 cubic feet.
10) **Choice C is correct.** MA.5.AR.1.3 $6 \div \frac{1}{4} = 6 \times 4 = 24$. There are 24 portions.
11) **Choice C is correct.** MA.5.GR.4.2 The x-coordinate (15) is the number of tickets, and the y-coordinate (45) is the total cost in dollars. So 15 tickets cost \$45 total.
12) **Choice D is correct.** MA.5.FR.2.3 60×500 is 6×5 with three factor zeros, making 30,000 with 4 zeros. $3{,}000 \times 10$ also makes 30,000, so it has the same number of zeros.
13) **Choice A is correct.** MA.5.AR.1.3 $\frac{1}{5} \div 3 = \frac{1}{5} \times \frac{1}{3} = \frac{1}{15}$.
14) **Choice D is correct.** MA.5.FR.2.3 $1\frac{1}{3} = \frac{4}{3}$ and $1\frac{1}{2} = \frac{3}{2}$. Multiply: $\frac{4}{3} \times \frac{3}{2} = \frac{12}{6} = 2$.
15) **Choice A is correct.** MA.5.AR.1.3 There are 4 quarter-pounds in each pound. $8 \div \frac{1}{4} = 8 \times 4 = 32$ sandwiches.
16) **Choice A is correct.** MA.5.GR.3.1 The base has $3 \times 3 = 9$ unit cubes. Since $18 \div 9 = 2$, the prism is 2 units tall.
17) **Choice A is correct.** MA.5.AR.2.2 This is a good place to work outward one step at a time: $3 \times 2 = 6$, then $20 - 6 = 14$, then $14 \div 7 = 2$, and finally $2 + 5 = 7$.
18) **Choice A is correct.** MA.5.DP.1.1 The bottles contain $2(8) + 3(8\frac{1}{2}) + 3(9) + 1(9\frac{1}{2}) = 16 + 25\frac{1}{2} + 27 + 9\frac{1}{2} = 78$ ounces.
19) **Choice B is correct.** MA.5.GR.3.1 The base area is $12 \times 5 = 60$ square feet. Since $240 \div 60 = 4$, the depth is 4 feet.
20) **Choice A is correct.** MA.5.GR.4.2 For each pair, Pattern Q is 1 more than Pattern P: $2 - 1 = 1$, $4 - 3 = 1$, and $6 - 5 = 1$.
21) **Choice A is correct.** MA.5.NSO.2.3 Write $12.30 - 4.56 = 7.74$. Annex zero to match place values.
22) **Choices A, B are correct.** MA.5.FR.2.3 $0.4 \times 100 = 40$ and $7.2 \times 10 = 72$. C should be 0.5, and D should be 180.
23) **Choice D is correct.** MA.5.FR.2.3 Since $\frac{3}{4} < 1$, multiplying by it makes the result smaller than 5.
24) **The correct answer is 216.** MA.5.GR.3.1 One layer has $6 \times 6 = 36$ unit cubes. With 6 layers, the cube has $36 \times 6 = 216$ unit cubes.
25) **Choice B is correct.** MA.5.AR.1.2 $\frac{1}{5} \times \frac{5}{6} = \frac{5}{30}$, which simplifies to $\frac{1}{6}$ liter.
26) **Choice D is correct.** MA.5.FR.2.1 A common denominator for $\frac{1}{2}$ and $\frac{1}{3}$ is 6. $\frac{1}{2} = \frac{3}{6}$ and $\frac{1}{3} = \frac{2}{6}$.
27) **Choice B is correct.** MA.5.FR.2.3 $12 \times \frac{2}{3} = 8$. The scaling factor $\frac{2}{3}$ is less than 1, so the product is smaller than the original. Two-thirds of 12 is 8.
28) **Choice D is correct.** MA.5.FR.2.1 $1 = \frac{12}{12}$. $\frac{12}{12} - \frac{1}{12} = \frac{11}{12}$.
29) **The correct answer is 9348.** MA.5.NSO.2.2 $246 \times 8 = 1{,}968$ and $246 \times 30 = 7{,}380$. Sum: $1{,}968 + 7{,}380 = 9{,}348$.
30) **Choice C is correct.** MA.5.GR.1.2 A rhombus has four equal sides. If it is not a square, it does not have four right angles.

Dear Student,

⋆ Seven practice tests taught you something bigger than math: persistence. Persistence is the habit of continuing even when something feels difficult. ⋆

◇ **A growth mindset says:** "I can't do it yet." That tiny word—yet—changes everything. ◇

Growth Statements

- **Instead of:** "I'm bad at this." **Say:** "I'm learning this."
- **Instead of:** "This is too hard." **Say:** "I'll try one step."
- **Instead of:** "I made a mistake." **Say:** "Now I know what to fix."
- **Instead of:** "I'm stuck." **Say:** "I'll come back with a plan."

Keep going. You proved you can improve—seven times.

Email me at reza@testinar.com.

Reza Nazari & Jay Daie

Your Math Coaches (Keep Growing)

PRACTICE TODAY.
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Success in math starts with practice! This book provides the **practice, confidence**, and **skills** your child needs to excel on the Grade 5 Math test and beyond.

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Strengthen skills, reduce test anxiety, and boost confidence.

IMPROVE PERFORMANCE
Timed practice helps improve speed and accuracy.

ACHIEVE SUCCESS
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- ✓ Classroom Practice
- ✓ Homework Help
- ✓ Test Preparation
- ✓ Summer Learning
- ✓ On-the-Go Practice

PRACTICE
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STRONG SKILLS. BRIGHT FUTURE.

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TRUSTED BY PARENTS
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DESIGNED FOR SUCCESS
Proven practice for real results.

SUPPORT YOUR CHILD
Every step of the way.