

4

COMPLETE

Florida FAST

Grade

MATH

5

PRACTICE TESTS

Standards-Based Test Prep with
Mixed Review, Word Problems,
and **Full Answer Key**



- ✓ **4 COMPLETE PRACTICE TESTS**
Built to reflect the test format and rigor



- ✓ **COVERS ALL ESSENTIAL TOPICS**
Numbers & Operations, Fractions, Decimals, Geometry, Measurement, Data & Probability, and more



- ✓ **STRENGTHEN SKILLS & CONFIDENCE**
Mixed review, challenging questions, and strategic practice



- ✓ **FULL ANSWER KEY INCLUDED**
Detailed explanations for every question



BUILD STRONG
MATH SKILLS
& TEST READINESS



IMPROVE ACCURACY,
SPEED, AND
PROBLEM SOLVING



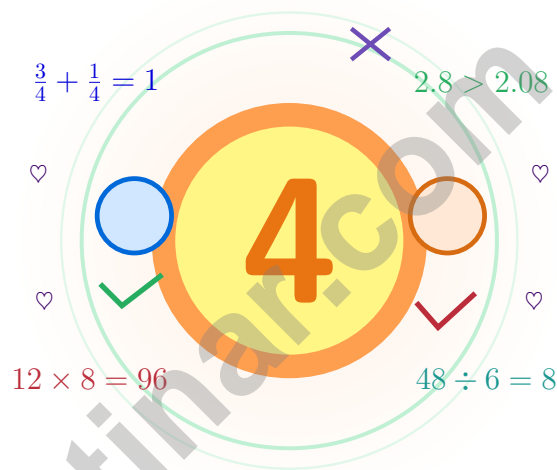
PERFECT FOR
CLASSROOM,
HOME, OR
SELF-STUDY



ALIGNED TO
FLORIDA
STATE STANDARDS
(FAST)

4 Florida FAST Grade 5 Math Practice Tests

Four practice tests woven into one calm, steady routine



Four full tests, a smart quick review, mission-style strategy pages,
and student-tested support that help Grade 5 mathematicians from
The Sunshine State build calm, careful, confident habits.

Jay Daie and Reza Nazari



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Four Tests, One Strong Florida Mathematician

A four-test mission for curious, careful Grade 5 thinkers

Dear Florida Math Mission Crew

This book gives you four chances to read closely, solve carefully, and level up your math thinking. Strong math work moves like a manatee in clear water: slow, steady, and full of quiet power.

You do not need to feel perfect before you begin. You just need to stay curious, use strategies, and learn from every correction. That is how confident mathematicians are built.

Look

Look at the problem like a careful detective.

Test

Test your idea one careful step at a time.

Repair

Repair what was off and try the next one.

A strong mission habit for Florida: keep your work neat, estimate when it helps, label units carefully, and never let one hard question decide your mood for the whole page.

Your Four-Step Game Plan

A four-step routine that turns practice into real improvement

Step 1: Read

Read the quick review pages first.
Wake up the big Grade 5 ideas before the test starts so your brain is already warmed up.

Step 2: Try

Try one full test with full attention.
Find a calm corner, settle in, and aim for careful, honest choices before quick ones.

Step 3: Reflect

Reflect on which skills want more sunlight.
Circle missed questions, sort out what went sideways, and notice which skills are calling for attention.

Step 4: Lift

Lift those skills before the next test.
Read the explanation, fix the work, and carry that lesson into the very next test.

A Four-Week Florida Mission Map

Week	Mission Focus
Week 1	Take Test 1 like a clear morning paddle – smooth, careful, calm.
Week 2	Take Test 2 and warm up word problems and step-showing.
Week 3	Take Test 3 to polish fractions, decimals, and measurement conversions.
Week 4	Take Test 4 and bring sunshine focus to every careful step.



Scan me

Four-Test Walkthrough

What these four practice tests help Grade 5 students build

These three practice tests prepare Grade 5 students in the Sunshine State for the bright, focused thinking the Florida FAST rewards. The goal is bigger than collecting right answers. Students are practicing how to read carefully, choose a strategy, solve step by step, and explain their reasoning clearly – the same way mathematicians do every day.

Selected-Response Questions

Students solve the problem and choose the best answer. Estimating first, crossing out weak choices, and checking for reasonableness can save time and points.

Constructed-Response Questions

Students show steps, explain a method, or support an answer with clear math. Strong reasoning matters because it shows how the answer was found.

Grade 5 Ideas That Show Up Again and Again

- place value, comparing numbers, and rounding
- multi-digit addition, subtraction, multiplication, and division
- fractions, mixed numbers, and decimals
- perimeter, area, volume, and measurement conversions
- tables, line plots, patterns, and coordinate points
- geometry and multi-step real-world problem solving

What strong FAST-style work looks like: accurate math, readable steps, the right labels or units, and a final answer that really matches the question being asked.



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Grade 5 Mathematics Reference Materials

PERIMETER AND AREA

Perimeter of Rectangle $P = 2l + 2w$ or $P = 2(l + w)$

Area of Rectangle $A = l \times w$

Area of Triangle $A = \frac{1}{2} \times b \times h$

Volume of Rectangular Prism $V = l \times w \times h$

LENGTH

Customary

1 foot (ft) = 12 inches (in.)

1 yard (yd) = 3 feet (ft)

1 yard (yd) = 36 inches (in.)

Metric

1 meter (m) = 100 centimeters (cm)

1 centimeter (cm) = 10 millimeters (mm)

1 kilometer (km) = 1,000 meters (m)

CAPACITY

Customary

1 cup (c) = 8 fluid ounces (fl oz)

1 pint (pt) = 2 cups (c)

1 quart (qt) = 2 pints (pt)

1 gallon (gal) = 4 quarts (qt)

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TIME

1 minute (min) = 60 seconds (sec) 1 week = 7 days

1 hour (hr) = 60 minutes (min) 1 year = 12 months

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- 1) The model shows $\frac{1}{5}$ of a whole split into 5 equal parts. What fraction of the whole is each small part?

$\frac{1}{5}$ split into 5

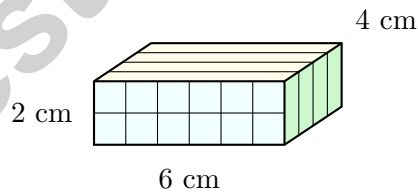


1 whole split into 5 equal parts

- A. $\frac{1}{5}$
 C. $\frac{1}{2}$
 B. $\frac{1}{10}$
 D. $\frac{1}{25}$
- 2) Write the value of the digit 7 in the number 4.073.

Record your answer in the space provided.

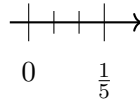
- 3) What is the volume of a rectangular prism with length 6 cm, width 4 cm, and height 2 cm?



- A. 12 cubic cm
 C. 36 cubic cm
 B. 24 cubic cm
 D. 48 cubic cm

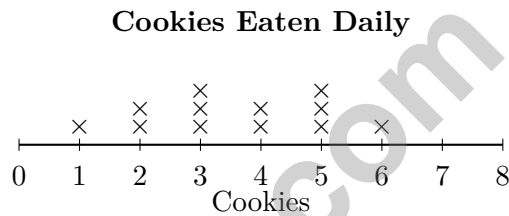


- 4) A number line from 0 to $\frac{1}{5}$ is divided into 3 equal segments. What is the length of each segment?



- A. $\frac{1}{15}$
 C. $\frac{3}{5}$
 B. $\frac{1}{8}$
 D. $\frac{1}{2}$

- 5) The line plot shows the number of cookies eaten daily by scouts at camp:



What is the range of cookies eaten?

- A. 3
 C. 5
 B. $3\frac{1}{2}$
 D. 6
- 6) A composite solid has a lower prism that is 9 cm by 4 cm by 3 cm and an upper prism that is 8 cm by 4 cm by 3 cm. The prisms do not overlap. What is the total volume?
- A. 156 cubic centimeters
 C. 204 cubic centimeters
 B. 168 cubic centimeters
 D. 252 cubic centimeters
- 7) What is 10^2 ?
- A. 10
 C. 100
 B. 20
 D. 1000



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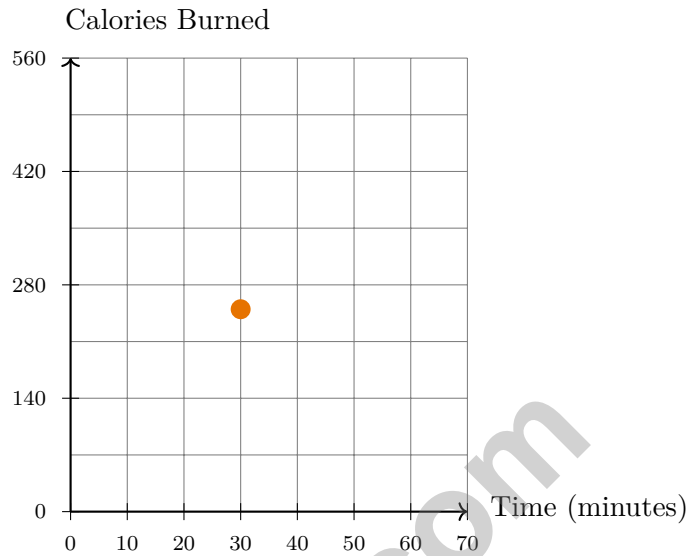
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- 1) A fitness tracker logs exercise data. A point at (30, 250) on a time-calories graph means:



- A. 30 calories burned in 250 minutes
- B. 30 minutes of exercise burned 250 calories
- C. 250 minutes of exercise burned 30 calories
- D. 280 total minutes and calories
- 2) After multiplying 0.037 by 100, which digit is in the ones place?
- A. 0
- B. 3
- C. 7
- D. 37
- 3) Which statement is true about $2\frac{1}{2} \times 1\frac{1}{4}$?
- A. The product is less than $2\frac{1}{2}$
- B. The product is greater than 3 but less than 4
- C. The product equals 3
- D. The product is less than 2



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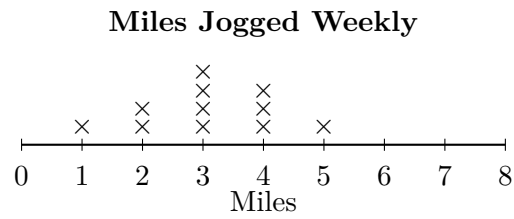
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- 1) The line plot shows the number of miles jogged per week:



How many more people jogged 3 miles than 5 miles?

- A. 1 C. 3
 B. 2 D. 4
- 2) A prism has volume 200 m^3 , length 8 m, and width 5 m. Find its height.

Record your answer in the space provided.



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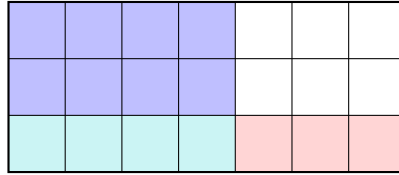
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- 1) The area model shows one fraction shaded vertically and another fraction shaded horizontally. Which multiplication expression matches the overlap?



- A. $\frac{2}{3} \times \frac{1}{7}$
 C. $\frac{1}{3} \times \frac{3}{7}$
 B. $\frac{1}{3} \times \frac{4}{7}$
 D. $\frac{2}{3} \times \frac{3}{7}$
- 2) A store receives a delivery of juice. Each bottle holds 32 fluid ounces. If the store receives 12 bottles, how many gallons of juice is that? (1 gallon = 128 fl oz)
- A. 2 gallons
 C. 4 gallons
 B. 6 gallons
 D. 3 gallons
- 3) Add with regrouping in tenths: $3.65 + 2.47 = ?$
- A. 6.02
 C. 6.22
 B. 6.32
 D. 6.12
- 4) What is $35 \div 1,000$?
- A. 0.35
 C. 3,500
 B. 0.035
 D. 0.0035
- 5) A runner runs 5.6 km each day for 7 days. What is the total distance?

Record your answer in the space provided.



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.

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Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- 1) **Choice D is correct.** (MA.5.AR.1.3) Start with one unit fraction, $\frac{1}{5}$, and share it into 5 equal parts. Each part is $\frac{1}{5} \div 5 = \frac{1}{25}$ of the whole.
- 2) **The correct answer is 0.07.** (MA.5.NSO.1.1) The digit 7 is in the hundredths place, so it represents $7 \times 0.01 = 0.07$.
- 3) **Choice D is correct.** (MA.5.GR.3.1) $V = l \times w \times h = 6 \times 4 \times 2 = 48$ cubic centimeters.
- 4) **Choice A is correct.** (MA.5.AR.1.3) The interval $\frac{1}{5}$ is split into 3 equal pieces. Each piece is $\frac{1}{5} \div 3 = \frac{1}{5} \times \frac{1}{3} = \frac{1}{15}$.
- 5) **Choice C is correct.** (MA.5.DP.1.1) Greatest value is 6, least is 1. Range = $6 - 1 = 5$.
- 6) **Choice C is correct.** (MA.5.GR.3.2) The lower prism has volume 108 cubic centimeters, and the upper prism has volume 96 cubic centimeters. Add them to get 204 cubic centimeters.
- 7) **Choice C is correct.** (MA.5.FR.2.3) A power of 10 tells how many factors of 10 to use. 10^2 means $10 \times 10 = 100$. This confirms the answer.
- 8) **Choice C is correct.** (MA.5.DP.1.1) The marks show 3 boards at $\frac{1}{2}$ ft, 2 boards at $1\frac{1}{2}$ ft, 3 boards at $2\frac{1}{2}$ ft, and 1 board at 3 ft. Total: $(\frac{1}{2} \times 3) + (1\frac{1}{2} \times 2) + (2\frac{1}{2} \times 3) + (3 \times 1) = 1\frac{1}{2} + 3 + 7\frac{1}{2} + 3 = 15$ feet.
- 9) **Choice A is correct.** (MA.5.GR.1.2) The matching tick marks show Figure A has four equal sides. It has no right-angle marks, so it is a rhombus but not a square.
- 10) **Choice B is correct.** (MA.5.FR.2.1) $\text{LCM}(9,6) = 18$. $\frac{1}{9} = \frac{2}{18}$ and $\frac{1}{6} = \frac{3}{18}$. $\frac{2}{18} + \frac{3}{18} = \frac{5}{18}$.
- 11) **The correct answer is $6\frac{3}{4}$.** (MA.5.FR.2.3) Change $2\frac{1}{4}$ to $\frac{9}{4}$. Then $\frac{9}{4} \times 3 = \frac{27}{4} = 6\frac{3}{4}$.
- 12) **Choice D is correct.** (MA.5.NSO.2.2) Multiply: $39 \times 28 = 39 \times (30 - 2) = (39 \times 30) - (39 \times 2) = 1,170 - 78 = 1,092$ seats.
- 13) **Choice C is correct.** (MA.5.AR.1.3) Think of half-gallon groups. Each gallon fills 2 bottles, so $3 \div \frac{1}{2} = 3 \times 2 = 6$ bottles.
- 14) **The correct answer is 2.** (MA.5.GR.4.2) For each point, $2 \div 1 = 2$, $4 \div 2 = 2$, and $6 \div 3 = 2$.
- 15) **Choice A is correct.** (MA.5.GR.4.2) 4 units east is the x-coordinate, and 2 units north is the y-coordinate. This corresponds to point (4, 2), which is W.
- 16) **Choice B is correct.** (MA.5.AR.1.2) Common denominator 24: $\frac{1}{3} = \frac{8}{24}$ and $\frac{3}{8} = \frac{9}{24}$. Total: $\frac{8}{24} + \frac{9}{24} = \frac{17}{24}$ mile.
- 17) **Choice A is correct.** (MA.5.FR.2.1) $1 - \frac{1}{8} - \frac{1}{4} = \frac{8}{8} - \frac{1}{8} - \frac{2}{8} = \frac{5}{8}$.
- 18) **Choice A is correct.** (MA.5.FR.2.1) $\frac{6}{12} = \frac{6 \div 6}{12 \div 6} = \frac{1}{2}$ in simplest form.
- 19) **Choices A, B are correct.** (MA.5.NSO.2.3) A gives $1.00 - 0.55 = 0.45$, and B gives $2.70 - 2.25 = 0.45$. C gives 0.35, and D gives 0.55.
- 20) **Choice D is correct.** (MA.5.GR.4.1) The rule is: multiply each term by its position number. $48 \times 5 = 240$.
- 21) **Choice A is correct.** (MA.5.FR.2.3) Multiplying by 10,000 moves the decimal four places right. From 0.12, the missing value is 1,200.
- 22) **Choice A is correct.** (MA.5.FR.2.1) Convert to eighths: $1\frac{4}{8} + 3\frac{3}{8} = 4\frac{7}{8}$.
- 23) **Choice C is correct.** (MA.5.GR.4.2) The rule says to multiply the input by 3. For input 4, $3 \times 4 = 12$, so the ordered pair is (4, 12).
- 24) **Choice A is correct.** (MA.5.FR.2.3) One fourth of 4 units is $4 \times \frac{1}{4} = 1$ unit.
- 25) **Choice C is correct.** (MA.5.NSO.1.2) In 8.45, the 4 is in the tenths place (0.4) and the 5 is in the hundredths place (0.05).
- 26) **Choice C is correct.** (MA.5.FR.2.3) $65 \times 10^2 = 65 \times 100 = 6500$ and $650 \times 10 = 6500$. Both equal 6500.
- 27) **The correct answer is equilateral.** (MA.5.GR.1.1) The side lengths are 5 cm, 5 cm, and 5 cm, so all 3 sides are equal. The triangle is equilateral.
- 28) **Choice C is correct.** (MA.5.GR.4.2) After 3 increases, Pattern C is $4 + 2 + 2 + 2 = 10$ and Pattern D is $4 + 5 + 5 + 5 = 19$. The difference is $19 - 10 = 9$.
- 29) **Choice D is correct.** (MA.5.NSO.2.2) $1,056 \div 32 = 33$. Check: $32 \times 33 = 1,056$.



Personal Trainer Wrap-Up

Math Athlete, Listen Up!

◇ 4 practice tests done. That's serious training. Your math muscles are strong, your endurance is high, and your reflexes (recognizing problem types) are quick. You're in great shape for the big test. ◇

★ **Trainer's wisdom:** muscle memory is real, even in math. The more you do something, the more your brain knows how to do it without thinking. You've built that muscle memory over 4 tests. Now it's automatic. ★

Athlete's Performance Card

- **Endurance:** TOP-TIER! You can finish a long test without burnout.
- **Strength:** STRONG! You handle multi-step problems with power.
- **Speed:** SHARP! You move efficiently from question to question.
- **Recovery:** GREAT! You bounce back fast from tough questions.

Trainer's tip: on test day, hydrate, breathe deeply, and warm up with the easier questions first. Build your rhythm. Your training will carry you the rest of the way.

If you'd like to share your experience or have questions, please email me at reza@testinar.com. I'd love to hear from you!

Reza Nazari & Jay Daie

Your Math Trainer (You're In Great Shape)

4 COMPLETE TESTS. CONFIDENCE. SUCCESS.



Give your child the practice and confidence they need to excel in **Grade 5 Math**. This book includes **4 full-length** practice tests designed to build skills, improve test readiness, and help students reach their full potential.

WHAT'S INSIDE:



4 COMPLETE PRACTICE TESTS

Full-length tests that reflect real test format and rigor.



COVERS ALL GRADE 5 TOPICS

Numbers & Operations, Fractions, Decimals, Geometry, Measurement, Data & Probability, and more.



MIXED REVIEW & WORD PROBLEMS

Build problem-solving skills with mixed review questions and real-world word problems.



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Step-by-step explanations for every question to help students learn and improve.



BUILD CONFIDENCE & IMPROVE SCORES

Practice consistently, reduce test anxiety, and achieve your best score!



PRACTICE SMART. LEARN MORE. ACHIEVE YOUR BEST.



Strengthen
Math Skills



Improve
Accuracy
& Speed



Master
Essential
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