

9

Louisiana LEAP

GRADE 3 MATH PRACTICE TESTS

COMPLETE STANDARDS REVIEW WITH SKILL PRACTICE,
WORD PROBLEMS, AND ANSWER KEY

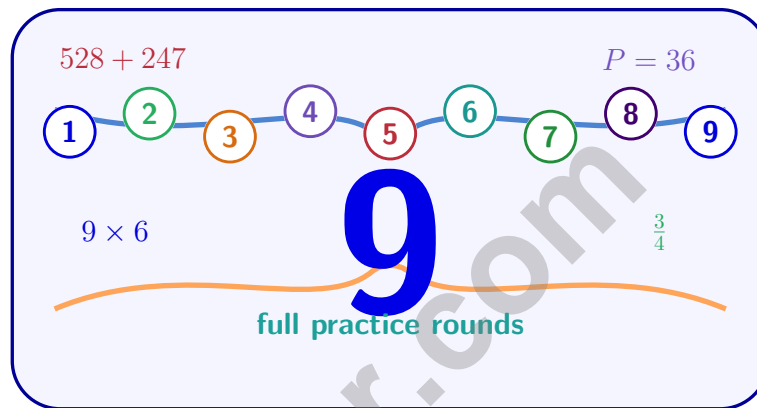


10

FOR THE COMPREHENSIVE ASSESSMENT PROGRAM

9 Louisiana LEAP Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Nine complete 30-question Grade 3 practice rounds with operations, fractions, measurement, data, area, shapes, answer keys, and clear explanations for every item.

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Louisiana, Start Your Nine-Round Math Map

A steady Grade 3 route from first try to confident finish

This book gives you nine chances to practice like a thoughtful Louisiana LEAP test taker. Each round mixes numbers, shapes, fractions, data, measurement, and word problems so your brain learns to switch skills calmly.

Louisiana has bayou routes, levees, music blocks, Gulf Coast maps, and lively classroom talk, where careful steps matter. Strong math follows that same idea: check what the question asks, choose a useful tool, show the work, and explain before moving on.

Your Louisiana Math Promise

I will slow down enough to understand the question. I will show the work that helps me think. I will use mistakes as practice fuel, then try again with a sharper plan.

Nine rounds is not about rushing. It is about building a math habit that stays strong.

How to Use This Book

A nine-session routine for clear Louisiana review

1. **Warm up first.** Read the quick review pages and remind yourself of the big ideas.
2. **Take one test at a time.** Work without rushing. Circle words, sketch models, and label units.
3. **Check the answer key.** Mark correct answers, then star questions that need another look.
4. **Read explanations after trying again.** The explanation works best after your brain has wrestled with the problem.
5. **Use the growth log.** Track the score, one strong habit, and one skill to practice next.

Good rhythm: Test one day, review the next day, then take the next test when your corrections feel clear. In Louisiana, that steady routine turns nine tests into one organized prep plan.



What Is Inside the Nine Tests?

Mixed Grade 3 practice with LEAP support

Part	What You Practice
Nine full tests	30 mixed Grade 3 questions in each round
Question styles	Multiple choice, select-all, and open-ended work spaces
Math topics	Operations, patterns, rounding, fractions, measurement, data, area, perimeter, and shapes
Answer support	Compact answer keys plus explanations for every item
Standards help	A Louisiana standards reference and standard-code boxes in explanations

Why mixed practice helps: Real tests do not announce the next skill. These nine rounds help students recognize the math move they need, even when the topic changes from question to question.



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5) Find $\frac{1}{3} + \frac{1}{3}$.

6) A bakery makes 6 batches of cookies with 8 cookies per batch. They pack them into boxes with 4 cookies each. How many boxes do they fill?

- A. 8 C. 12
 B. 10 D. 14

7) What is 899 rounded to the nearest 10?

- A. 890 C. 900
 B. 899 D. 910

8) What number makes the equation true?

$$63 \div \square = 7$$

- A. 7 C. 8
 B. 10 D. 9

9) Look at this pattern: $3 \times 10 = 30$, $3 \times 20 = 60$, $3 \times 30 = 90$. Using the pattern, what is 3×70 ?

- A. 37 C. 210
 B. 73 D. 2100



10) Otto divides 72 items into 8 equal groups. To find how many items in each group, which multiplication helps him?

A. $8 \times 8 = 64$

C. $9 \times 7 = 63$

B. $10 \times 8 = 80$

D. $8 \times 9 = 72$

11) A bar graph shows coins saved by students. Pilar has 6 units (scale: 5 coins per unit), Quinn has 4 units (scale: 5 coins per unit). How many more coins did Pilar save?

 A. 2 coins C. 10 coins B. 6 coins D. 50 coins

12) If the unit fraction on a number line is $\frac{1}{8}$, how many such fractions fit from 0 to 1?

13) All multiples of 5 end in 0 or 5. Look at: 5, 10, 15, 20, 25, 30.
Which number is NOT a multiple of 5?

 A. 35 C. 50 B. 55 D. 42

14) Subtract $604 - 327$ using the standard algorithm.



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1) Which skip-counting pattern has all even numbers?

- A. Skip count by 3: 3, 6, 9, 12, ... C. Skip count by 5: 5, 10, 15, 20, ...
 B. Skip count by 7: 7, 14, 21, 28, ... D. Skip count by 2: 2, 4, 6, 8, ...

2) What fraction is at the right endpoint of a number line split into 2 equal parts?



3) If you divide a line from 0 to 1 into 8 equal parts, what do you call one of those parts?

- A. One eighth C. One half
 B. Eight D. One whole

4) Which picture shows 10 items divided equally into 2 groups?

- A. Two groups of five



- B. Five groups of two



- C. Ten groups of one



- D. Five groups of ten



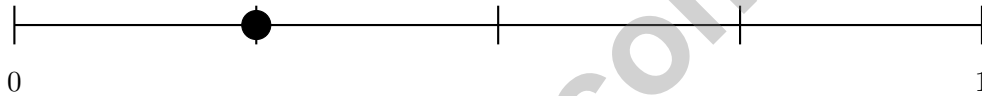
1) Ava is decorating her bedroom wall with a rectangular poster. The poster is 11 inches wide and 9 inches tall. What is the area of the poster?

- A. 99 sq in C. 20 sq in
 B. 40 sq in D. 110 sq in

2) What is $542 - 218$?

- A. 334 C. 314
 B. 422 D. 324

3) A number line shows the distance from 0 to 1 split into 4 equal parts. Where is $\frac{1}{4}$ located?



- A. At the first tick mark C. At the third tick mark
 B. At the second tick mark D. At the fourth tick mark

4)

Water Bottle	Amount
Monday	2 L
Tuesday	1500 mL
Wednesday	2500 mL

On which day did Lily drink the most water?

- A. Monday C. Wednesday
 B. Tuesday D. All equal



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.

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Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- 1) **Choice C is correct.** **(3.MD.A.2)** 1 L = 1000 mL. Subtract: $1000 - 300 = 700$ mL drunk.
- 2) **Choice C is correct.** **(3.MD.C.5b)** 3 columns and 4 rows: $3 \times 4 = 12$ unit squares.
- 3) **Choice C is correct.** **(3.G.A.1)** By definition, a parallelogram has two pairs of opposite sides that are parallel. Not all parallelograms have right angles or equal sides.
- 4) **Choice D is correct.** **(3.OA.C.7)** If $8 \times 8 = 64$, then $64 \div 8 = 8$. Multiplication and division are related.
- 5) **The correct answer is $\frac{2}{3}$.** **(3.NF.A.1)** $\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$.
- 6) **Choice C is correct.** **(3.OA.D.8)** Step 1: Total cookies: $6 \times 8 = 48$ cookies. Step 2: Divide into boxes: $48 \div 4 = 12$ boxes.
- 7) **Choice C is correct.** **(3.NBT.A.1)** The ones digit is 9. Since $9 \geq 5$, round up: 899 rounds to 900.
- 8) **Choice D is correct.** **(3.OA.A.4)** Multiply: $7 \times 9 = 63$, so the divisor is 9. Check: $63 \div 9 = 7$.
- 9) **Choice C is correct.** **(3.NBT.A.3)** The pattern shows: each time we multiply by a multiple of 10 that is 10 more, the product increases by 30. From $3 \times 60 = 180$ to 3×70 , we add another 30 to get 210. Or: $3 \times 7 = 21$, then multiply by 10 to get 210.
- 10) **Choice D is correct.** **(3.OA.B.6)** To solve $72 \div 8 = \square$, find $\square \times 8 = 72$. The multiplication fact $8 \times 9 = 72$ tells us the answer is 9 items per group.
- 11) **Choice C is correct.** **(3.MD.B.3)** Pilar: $6 \times 5 = 30$ coins. Quinn: $4 \times 5 = 20$ coins. Difference: $30 - 20 = 10$ coins.
- 12) **The correct answer is 8.** **(3.NF.A.2a)** Eight equal parts of size $\frac{1}{8}$ each sum to the whole interval.
- 13) **Choice D is correct.** **(3.OA.D.9)** 42 ends in 2, not 0 or 5, so it is not a multiple of 5. All others end in 0 or 5.
- 14) **The correct answer is 277.** **(3.NBT.A.2)** Regroup 604 as 5 hundreds, 9 tens, and 14 ones. Ones: $14 - 7 = 7$. Tens: $9 - 2 = 7$. Hundreds: $5 - 3 = 2$. Correct: 277.
- 15) **Choice B is correct.** **(3.NF.A.3c)** 15 thirds means $15 \div 3 = 5$ wholes. Each candy bar had 3 thirds.
- 16) **Choices A and C are correct.** **(3.G.A.2)** If a circle is divided into 6 equal parts, one part is $\frac{1}{6}$. Two parts make $\frac{2}{6}$, which equals $\frac{1}{3}$. Choices B, D, and E use eighths, so they do not describe parts of a circle divided into 6 equal parts.
- 17) **Choice C is correct.** **(3.MD.C.7)** Adding the width 3 eight times: $3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 = 24$. This is the same as $8 \times 3 = 24$ square feet.
- 18) **Choice D is correct.** **(3.OA.A.1)** The picture shows 2 rows with 5 circles in each row. So $2 \times 5 = 10$ or $5 \times 2 = 10$.
- 19) **Choice C is correct.** **(3.NF.A.3a)** $\frac{1}{2} = \frac{2}{4}$ because both represent one-half of the strip.
- 20) **Choice C is correct.** **(3.MD.C.7b)** Area = width \times height = $11 \times 5 = 55$ square feet.
- 21) **Choice C is correct.** **(3.NF.A.2b)** Point N is at 3 on a number line from 0 to 4. The fraction is $\frac{3}{4}$.
- 22) **Choice B is correct.** **(3.MD.C.5)** Add the parts: $32 + 15 = 47$ square units.
- 23) **Choice A is correct.** **(3.NF.A.3d)** Same numerator (1): both fractions take 1 piece from their bar. But the first bar is divided in half (larger piece), the second in thirds (smaller piece). One half $>$ one third. Visually: the green shaded area is larger in the first bar.
- 24) **Choice B is correct.** **(3.NF.A.3b)** Multiply numerator and denominator by 2: $\frac{1 \times 2}{3 \times 2} = \frac{2}{6}$.
- 25) **Choice B is correct.** **(3.NF.A.3)** $\frac{4}{8}$ and $\frac{1}{2}$ mark the same point on the line.
- 26) **Choice D is correct.** **(3.MD.A.1c)** 2 : 45 PM is exactly the time shown, so it is the closest match.
- 27) **Choice A is correct.** **(3.NF.A.2)** The first tick out of 3 equal parts is $\frac{1}{3}$ of the way from 0 to 1.
- 28) **Choice C is correct.** **(3.MD.C.6)** Area of a square = $5 \times 5 = 25$ square feet.
- 29) **Choice B is correct.** **(3.MD.C.5)** Multiply length by width: $8 \times 6 = 48$ square meters.
- 30) **Choice D is correct.** **(3.OA.A.2)** $14 \div 2$ means measuring: How many groups of 2 fit in 14? The answer is 7 groups. This is measurement division (also called quotitive division).



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Hi, Hero!

◇ Once there was a Grade 3 student who took 9 practice tests. At first, the math was tricky. But this student kept showing up, kept trying, and kept learning. By the end, the student became a math hero. That hero is you! ◇

★ **Storytellers know:** every story has a hard middle. The hard middle is where heroes grow. You lived your hard middle. Your story ends with confidence! ★

Your Hero Toolkit

- **Brave Heart:** You try hard problems.
- **Sharp Mind:** You think carefully before you act.
- **Steady Hand:** You write neatly and check.
- **Kind Spirit:** You are patient with yourself.

Storyteller tip: on test day, remember the hero you became. The chapters before today made you stronger. Now write your best chapter!

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

Jay Daie

Your Math Storyteller

STRONG TODAY. SUCCESS TOMORROW.

Give your child the tools they need to excel in **Grade 3 Math!** This book includes **9 complete practice tests** that follow grade-level standards and help students build confidence, sharpen skills, and achieve success.

9
COMPLETE PRACTICE TESTS

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- ✓ Engaging, Varied, and Effective

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COVERS ALL ESSENTIAL TOPICS

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- ✓ Graphing & Data Analysis
- ✓ Number Patterns
- ✓ Word Problems
- ✓ Ratio & Proportion
- ✓ Perimeter, Area & Volume
- ✓ And More!



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Aligned to Standards



Created by Educators