

# 5 Full-Length Indiana ILEARN Grade 3 Math Practice Tests

*Extra Practice for Test Day Success*

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PRACTICE MAKES PROGRESS

# 5 Practice Tests to Build Your Skills!

Hello, math explorer! ★

This book has **5 full-length practice tests** designed to help you grow stronger with every try. Each test covers everything you've learned in Grade 3 — numbers, operations, fractions, shapes, and more!

- ✓ Test by test, you'll spot what you're **great at**!
- ✓ You'll discover what to **practice more**!
- ✓ By test 5, you'll feel **totally ready**!

Grab your pencil and let's grow together! 🌱

“ Five tests gives you room to grow. Each time you take one, you'll understand a little more. That's how real learning works! ”



# *How to Use This Book*

*Your guide to getting the most from 5 practice tests!*

## *What's Inside This Book*

- **5 Full-Length Practice Tests** — Each covers all Grade 3 math topics, just like the tests at school!
- **Detailed Answer Explanations** — Don't just check your answers — learn from them! Every question has a step-by-step explanation.
- **Reference Pages** — Handy math symbols chart and multiplication table you can use during every test.
- **Test Tracker** — Log your scores, spot patterns, and watch yourself improve test by test!

## *Your 5-Week Practice Plan*

Spread your tests over 5 weeks for the best results:

- Week 1:** Take Test 1 (untimed). Review every answer.
- Week 2:** Study tricky topics. Take Test 2 (soft timer).
- Week 3:** Take Test 3 (timed). Compare with Test 1!
- Week 4:** Focus on weak spots. Take Test 4 (timed).
- Week 5:** Take Test 5 like the real thing. Celebrate!

### *Multiple Choice*

Choose the **best answer** from A, B, C, or D.

 **Pro tip:** Read all four choices before deciding. Sometimes the last option is the right one!

### *Short Answer*

**Show your work** and write your answer clearly.

 **Pro tip:** Even if you're not 100% sure, writing your steps can earn you partial credit!

### “ The Secret to Getting Better ”



Here's how learning works: **Take a test** → **Check your answers** → **Study the ones you missed** → **Try again**. Each test is a chance to learn something new. Don't worry about being perfect — focus on being better than last time!

🌱 **Remember:** Growth happens one test at a time.

By test 5, you won't believe how far you've come! 🌱



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# 💡 Strategies for Success 💡

Smart habits that make you better with every test!

## 🕒 Get Set Up Right

- ✔ **Eat a good meal first** — your brain needs energy to do its best thinking.
- ✔ **Clear your desk** — only pencils, eraser, scratch paper, and this book.
- ✔ **Take 3 deep breaths** — breathe in (1...2...3), breathe out (1...2...3). Feel calmer?
- ✔ **Set a goal** — not a score, but a habit! Like: “I’ll show my work on every problem.”

## 🔍 Read Like a Math Detective

1. **Read the whole question** before looking at the answer choices.
2. **Circle the key numbers** and **underline what it’s asking**. (Example: “How many more does she have?”)
3. **Decide what operation to use** — add, subtract, multiply, or divide?
4. **Solve it on scratch paper first**, then look at the choices.
5. **Check:** Does your answer make sense? Is it too big? Too small?

## 🕒 Timing Yourself

- Tests 1–2: No timer needed! Just get comfortable.
- Tests 3–4: Try a gentle timer (60 minutes).
- Test 5: Full test conditions — quiet room, timed, no help.
- Don’t rush! Speed comes naturally with practice.

## 📖 Learn from Mistakes

After each test:

- Read the explanation for every wrong answer
- Write down the topic (fractions? word problems?)
- Review that topic before the next test
- Try the same type of problem again
- Celebrate what you got **right!**



“Here’s a secret: the kids who improve the most aren’t the ones who never make mistakes — they’re the ones who **learn** from them! Every wrong answer is a clue about what to study next. That’s why 5 tests is so powerful — you have room to grow!”

# X<sup>1</sup> Math Reference Sheet X<sup>1</sup>

You may use this page during your practice tests!

| Symbol        | Name             | What It Means                                               |                   |
|---------------|------------------|-------------------------------------------------------------|-------------------|
| +             | Plus (Add)       | Put numbers together.                                       | $3 + 5 = 8$       |
| -             | Minus (Subtract) | Take away from a number.                                    | $9 - 4 = 5$       |
| ×             | Times (Multiply) | Add equal groups.                                           | $4 \times 3 = 12$ |
| ÷             | Divide           | Split into equal groups.                                    | $12 \div 3 = 4$   |
| =             | Equals           | Both sides are the same.                                    | $2 + 3 = 5$       |
| >             | Greater Than     | The left number is bigger.                                  | $7 > 3$           |
| <             | Less Than        | The left number is smaller.                                 | $2 < 9$           |
| $\frac{1}{2}$ | Fraction Bar     | Part of a whole. $\frac{1}{2}$ means 1 out of 2 equal parts |                   |

## Key Math Words

- **Sum** — the answer when you add
- **Difference** — the answer when you subtract
- **Product** — the answer when you multiply
- **Quotient** — the answer when you divide
- **Factor** — a number you multiply
- **Array** — objects in rows and columns
- **Fraction** — a part of a whole
- **Numerator** — the top number in a fraction
- **Denominator** — the bottom number
- **Equation** — a math sentence with =
- **Estimate** — a smart guess, close to the real answer
- **Perimeter** — the distance around a shape
- **Area** — the space inside a shape
- **Rounding** — making a number simpler by going to the nearest ten or hundred

 **Word Problem Clue Words**

- **Add** (+): *in all, total, altogether, combined, sum, both, more*
- **Subtract** (−): *how many more, how many left, fewer, difference, remain*
- **Multiply** (×): *each, every, groups of, times, rows of, per*
- **Divide** (÷): *share equally, split, each group, how many groups, per*



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PREVIEW

PRACTICE TEST

1

## Practice Test 1

 30 Questions

### Before You Start

- ✓ *Read each question carefully before choosing your answer.*
- ✓ *Show your work on scratch paper when you need to.*
- ✓ *Skip hard questions and come back to them later.*
- ✓ *Check your answers when you're done.*
- ✓ *Take your time — there's no rush!*

★ *You've Got This!* ★

*Do your best and show what you know!*



1. Which statement is true?

(A)  $6,120 > 6,210$

(B)  $6,120 = 6,210$

(C)  $6,120 < 6,210$

(D)  $6,210 < 6,120$

2. Round 655 to the nearest 10 and to the nearest 100.

Your Answer:

3. Is 456 even or odd?

Your Answer:

4. How many thousands are in 10,000?

(A) 1

(B) 10

(C) 100

(D) 1,000

5. Which number is 10,000 more than 490,000?

(A) 491,000

(B) 499,000

(C) 500,000

(D) 590,000

6. What is  $295 + 148$ ?

Your Answer:



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7. What is  $4,008 + 3,995$ ?

(A) 7,003

(B) 7,903

(C) 7,993

(D) 8,003

8. A school raised \$7,500 for charity. They spent \$4,825 on supplies. How much money is left?

Your Answer:

9. Find  $5 \times 4 \times 2$  by grouping the easiest pair first.

Your Answer:

10. There are 24 cookies shared equally among 6 friends. How many cookies does each friend get?

(A) 3

(B) 4

(C) 6

(D) 18

11. Find the missing number in this pattern: 9, 18, ?, 36, 45.

Your Answer:

12. A sandwich is cut into 2 equal halves. You eat both halves. Write the fraction you ate.

Your Answer:



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13. Is  $\frac{0}{4}$  to the left or right of  $\frac{1}{4}$  on a number line?

- (A) To the right                      (B) At the same spot  
(C) To the left                      (D) It is not on the number line

14. Which unit fraction is the largest?

- (A)  $\frac{1}{8}$                                   (B)  $\frac{1}{6}$   
(C)  $\frac{1}{3}$                                   (D)  $\frac{1}{2}$

15. Count by sixths starting at  $\frac{2}{6}$ :  $\frac{2}{6}$ ,  $\frac{3}{6}$ , \_\_. What comes next?

Your Answer:

16. How do you write the whole number 3 as a fraction with denominator 1?

- (A)  $\frac{1}{3}$                                   (B)  $\frac{3}{3}$   
(C)  $\frac{3}{1}$                                   (D)  $\frac{1}{1}$

17. Put these fractions in order from smallest to largest:  $\frac{1}{6}$ ,  $\frac{5}{6}$ ,  $\frac{3}{6}$

- (A)  $\frac{5}{6}$ ,  $\frac{3}{6}$ ,  $\frac{1}{6}$                       (B)  $\frac{1}{6}$ ,  $\frac{3}{6}$ ,  $\frac{5}{6}$   
(C)  $\frac{3}{6}$ ,  $\frac{1}{6}$ ,  $\frac{5}{6}$                       (D)  $\frac{1}{6}$ ,  $\frac{5}{6}$ ,  $\frac{3}{6}$

18. What is  $\frac{2}{6} + \frac{1}{6}$ ?

Your Answer:



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19. Dad made a pan of brownies and cut it into 8 equal pieces. The family ate  $\frac{5}{8}$  of the brownies. What fraction is left?

Your Answer:

20. An eraser ends at the third quarter-inch mark past 3 inches. How long is the eraser to the nearest quarter inch?

(A)  $3\frac{1}{4}$  inches

(B)  $3\frac{1}{2}$  inches

(C)  $3\frac{3}{4}$  inches

(D) 4 inches

21. 9,000 grams = how many kilograms?

(A) 9 kg

(B) 90 kg

(C) 900 kg

(D) 9,000 kg

22. A water cooler holds 20 liters. Students drink 3 liters each hour for 4 hours. How much water is left?

(A) 8 L

(B) 12 L

(C) 16 L

(D) 7 L

23. How many nickels make the same amount as 1 quarter?

(A) 3

(B) 4

(C) 5

(D) 10



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24. What is  $\$2.50 + \$1.25$ ?

(A) \$3.25

(B) \$3.75

(C) \$4.75

(D) \$3.55

25. A bar graph has a scale that counts by 5s. A bar lands halfway between 10 and 15. What value does the bar show?

(A) 11

(B) 12

(C)  $12\frac{1}{2}$

(D) 13

26. A line plot shows leaf lengths in inches. The X marks are:

|           |           |           |          |
|-----------|-----------|-----------|----------|
| 3 in.     | 4 in.     | 5 in.     | 6 in.    |
| 2 X marks | 5 X marks | 3 X marks | 1 X mark |

Which length is the most common?

(A) 3 inches

(B) 4 inches

(C) 5 inches

(D) 6 inches

27. An octagon has how many vertices?

(A) 5

(B) 6

(C) 7

(D) 8

28. A rectangle is 10 cm long and 4 cm wide. What is its area?

Your Answer:



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29. A square has sides of 6 inches. What is the perimeter?

(A) 12 in

(B) 18 in

(C) 24 in

(D) 36 in

30. A rectangle is partitioned into 6 equal parts. If 2 parts are shaded, what fraction is shaded?

Your Answer:

\_\_\_\_\_



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## ★ *End of Practice Test 1* ★

*Great job finishing the test!*

### *My Score*

*I got \_\_\_\_\_ out of 30 questions right.*

*Check your answers in the **Answer Key** at the back of the book.*

 *Review any questions you missed. That's how we learn!*

THANK YOU

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