

# 3 Virginia SOL Grade 3 Math Practice Tests

*Full-Length Test Prep with Detailed Answer Explanations*

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## 3 Practice Tests to Get You Started!

Hey there, future math whiz! ★

This book has **3 full practice tests** to help you warm up for the real thing. Think of it like stretching before a big game — these tests will get your brain ready and show you what to expect!

👍 Three tests is the **perfect start!**

👍 Each one helps you feel **more ready!**

👍 You'll be surprised how much you **already know!**

Sharpen your pencil and let's get warmed up! 🔥

“ Three practice tests is a great way to start. Take your time with each one, and you'll feel more confident every step of the way! ”

# How to Use This Book

Your quick-start guide to 3 great practice tests!

## What's Inside This Book

- **3 Full-Length Practice Tests** — Each one covers all the Grade 3 math topics you need to know!
- **Answer Key with Explanations** — Find out why each answer is correct, not just what the answer is.
- **Reference Pages** — A math symbols chart and multiplication table you can peek at any time.
- **A Test Tracker** — Write down your scores and watch your confidence grow!

## A Simple 3-Test Plan

With just 3 tests, here's a great way to use them:

- **Test 1 The Warm-Up.** Take this test without a timer. Get comfortable with the question types. Don't worry about your score — just do your best!
- **Test 2 The Practice Round.** After reviewing Test 1, try this one with a timer (ask a grown-up!). Focus on the topics that were tricky last time.
- **Test 3 The Real Deal.** Treat this like the actual test: quiet room, timed, no peeking at answers. See how much you've improved!

### Multiple Choice

Pick the **one best answer** from choices A, B, C, or D. Not sure? Cross out the ones you know are wrong, then pick from what's left. That's a smart move!

### Short Answer

Write your answer **and** show your work! Even if your final answer isn't right, showing your steps can earn you credit. Use scratch paper if you need more room.

## After Each Test



Flip to the Answer Key and check your work. For every question you got wrong, **read the explanation carefully**. Then write the tricky topics on your Test Tracker page. If you need extra help, grab our **Grade 3 Math Study Guide!**

★ **Fun fact:** Three tests is all it takes to see real improvement! Most kids feel way more confident after just a few rounds of practice. ★

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# 💡 Tips for Test Day 💡

Easy tricks to help you feel calm and do your best!

## 🌙 The Night Before

- ✔️ **Sleep early** — your brain learns while you sleep!
- ✔️ **Pack your supplies** — pencils, eraser, scratch paper, all ready to go.
- ✔️ **Tell yourself:** "I've been practicing. I'm going to do great!"

## 👉 5 Simple Rules for Every Test

1. **Read the question twice.** The first time to understand it. The second time to catch details.
2. **Show your work.** Write the steps down, even on scratch paper. It helps you think!
3. **Skip the hard ones.** Put a small star next to tricky questions and come back later. Answer the easy ones first!
4. **Never leave a blank.** For multiple choice, your best guess is better than no answer at all.
5. **Check your work.** Finished early? Go back and re-read your answers.

## ✔️ Smart Moves

- Take a deep breath before you begin
- Underline key words in the question
- Use drawings or number lines to help
- Cross out wrong answers first
- Double-check addition and subtraction

## ✖️ Traps to Avoid

- Rushing and not reading carefully
- Picking the first answer that "looks right"
- Forgetting to carry or borrow numbers
- Skipping a question permanently
- Panicking when you see a tough problem



“ Remember, the very first practice test is the hardest — not because the questions are harder, but because everything is new! By Test 3, you'll feel like a pro. Trust me! ”

# 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. Write 5,600 in expanded form.

Your Answer:

2. What is 2,500 rounded to the nearest 1,000?

(A) 2,000

(B) 2,500

(C) 3,000

(D) 3,500

3. Which group contains only even numbers?

(A) 12, 34, 57

(B) 20, 46, 88

(C) 31, 50, 72

(D) 14, 63, 90

4. A school raised \$8,000 last year and \$2,000 this year. How much did the school raise in total?

(A) \$6,000

(B) \$10,000

(C) \$82,000

(D) \$28,000

5. What is 8,912 rounded to the nearest 1,000?

(A) 8,000

(B) 8,900

(C) 9,000

(D) 10,000

6. What is  $198 + 345 + 267$ ?

Your Answer:



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7. What is  $6,789 + 3,456$ ?

Your Answer:

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8. When you estimate  $347 + 582$  by rounding each number to the nearest hundred, the estimate is 900. The exact sum is 929. Which statement is true?

- (A) The estimate is greater than the exact sum  
(B) The estimate is less than the exact sum  
(C) The estimate equals the exact sum  
(D) You cannot compare an estimate to an exact answer

9. I am a number. When you divide me by 8, you get 9. What number am I?

Your Answer:

---

10. Find the missing number:  $72 \div ? = 8$

- (A) 7  
(B) 8  
(C) 9  
(D) 10

11. Find a fraction equivalent to  $\frac{1}{3}$  by multiplying the numerator and denominator by 2.

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



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12. Which fraction does NOT equal 1?

(A)  $\frac{2}{2}$

(B)  $\frac{8}{8}$

(C)  $\frac{3}{6}$

(D)  $\frac{4}{4}$

13. Is  $\frac{2}{6}$  more or less than  $\frac{1}{2}$ ?

Your Answer:

14. A recipe needs  $\frac{3}{6}$  cup of sugar and  $\frac{2}{6}$  cup of brown sugar. How much sugar is needed in total?

(A)  $\frac{1}{6}$  cup

(B)  $\frac{5}{12}$  cup

(C)  $\frac{5}{6}$  cup

(D)  $\frac{6}{6}$  cup

15. What is  $\frac{4}{6} - \frac{2}{6}$ ?

Your Answer:

16. What is  $3\frac{1}{3}$  written as an improper fraction?

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

(B)  $\frac{7}{3}$

(C)  $\frac{10}{3}$

(D)  $\frac{31}{3}$



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23. What does a line plot use to show data?

- (A) Colored bars  
(B) Little pictures in rows  
(C) X marks above a number line  
(D) Lines connecting dots

24. You flip a coin. What is the chance of getting heads?

- (A) Certain  
(B) Equally likely  
(C) Unlikely  
(D) Impossible

25. What is the top point of a pyramid called?

- (A) Base  
(B) Edge  
(C) Vertex  
(D) Apex

26. What is a unit square?

- (A) A square with sides that are 10 units long  
(B) A square with sides that are 1 unit long  
(C) Any square shape  
(D) A rectangle with 4 equal sides

27. A rectangle has an area of 42 sq cm and a length of 7 cm. What is the width?

Your Answer:

28. What type of angle is the corner of a book?

- (A) Acute angle  
(B) Right angle  
(C) Obtuse angle  
(D) Straight angle



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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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