5 Full-Length Virginia SOL Grade 3 Math Practice Tests

Extra Practice for Test Day Success

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PREVIEW

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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!"*

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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^1 Math Reference Sheet X^1

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.	$9 - 4 = 5$
$\times$	Times (Multiply)	Add equal groups.	$4 \times 3 = 12$
$\div$	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

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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. *What is* 995 *rounded to the nearest* 10*?*

(A) 990

(B) 995

(C) $1{,}000$

(D) 900

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 does NOT round to* $6{,}000$ *when rounded to the nearest* $1{,}000$*?*

(A) $5{,}500$

(B) $5{,}832$

(C) $6{,}499$

(D) $6{,}501$

6. *What is* $295 + 148$*?*

Your Answer:

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

(A) $7{,}003$
(B) $7{,}903$
(C) $7{,}993$
(D) $8{,}003$

8. *Estimate* $358 + 246$ *by rounding each number to the nearest hundred.*

Your Answer:

9. *What is* $49 \div 7$*?*

Your Answer:

10. *What is the missing number?* $? \div 5 = 9$

(A) 4
(B) 14
(C) 45
(D) 54

11. *A recipe uses* $\frac{2}{4}$ *cup of sugar. Write an equivalent fraction with a smaller denominator.*

Your Answer:

12. *Write* 4 *as a fraction with denominator* 8*.*

Your Answer:

13. *Which fraction is the smallest?*

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

(C) $\frac{1}{6}$ (D) $\frac{1}{4}$

14. *What is* $\frac{1}{8} + \frac{3}{8}$*?*

(A) $\frac{3}{8}$ (B) $\frac{4}{16}$

(C) $\frac{4}{8}$ (D) $\frac{2}{8}$

15. *What is* $\frac{10}{10} - \frac{7}{10}$*?*

Your Answer:

16. *What is* $\frac{7}{3}$ *written as a mixed number?*

(A) $3\frac{1}{7}$ (B) $2\frac{1}{3}$

(C) $1\frac{4}{3}$ (D) $7\frac{1}{3}$

17. *What time does "quarter to* 9*" mean?*

(A) $9{:}15$ (B) $8{:}45$

(C) $9{:}45$ (D) $8{:}15$

18. *A crayon reaches from 0 to the quarter-inch mark past 3 inches. How long is the crayon?*

Your Answer:

19. *You buy 4 bags of sugar. Each bag has a mass of 500 g. What is the total mass in grams?*

Your Answer:

20. *You buy a book for $\$4.50$ and pay with a $\$10$ bill. How much change do you get?*

(A) $\$4.50$
(B) $\$5.50$
(C) $\$6.50$
(D) $\$14.50$

21. *The temperature was $70°F$. A cold front came and the temperature dropped 30 degrees. Then it went up 10 degrees. What is the final temperature?*

(A) $40°F$
(B) $50°F$
(C) $60°F$
(D) $30°F$

22. *A picture graph shows how many students ride each bus. Each symbol $= 2$ students.*

Bus 1: ★★★★★★★
Bus 2: ★★★★★
Bus 3: ★★★

How many students ride Bus 1?

(A) 7
(B) 12
(C) 14
(D) 15

23. *A line plot shows straw lengths in inches. There are X marks above* 3, $3\frac{1}{2}$, 4, $4\frac{1}{2}$, *and* 5. *What is the difference between the longest and shortest straw?*

(A) 1 *inch*

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

(C) 2 *inches*

(D) 5 *inches*

24. *Which word describes something that will DEFINITELY happen?*

(A) *Impossible*

(B) *Unlikely*

(C) *Likely*

(D) *Certain*

25. *A pyramid has a hexagonal base (*6 *sides). How many faces, edges, and vertices does it have?*

Your Answer:

26. *What unit do we use to measure area?*

(A) *Centimeters*

(B) *Square units*

(C) *Inches*

(D) *Pounds*

27. *Which two rectangles have the same area?*

(A) 2×8 *and* 3×6

(B) 3×5 *and* 4×4

(C) 2×9 *and* 3×6

(D) 5×5 *and* 4×7

28. *Name the three types of angles from smallest to largest.*

Your Answer:

29. How many sides does a decagon have?

(A) 6

(B) 8

(C) 9

(D) 10

30. Two circles both have a radius of 5 cm. Are they congruent?

Your Answer:

PREVIEW

★ 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!

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THANK YOU

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The complete book includes:

- *All chapters and topics*
- *Hundreds of practice problems*
- *Complete answer key with explanations*
- *Colorful visuals and step-by-step examples*
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