

3 Virginia SOL Grade 4 Math Practice Tests

Full-Length Test Prep with Detailed Answer Explanations

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Grade 4 Math: 3 Practice Tests



Hey there, quick checker! ★

Three tests. That's all it takes to **see where you stand** and **build your confidence** fast.

- ✔ Short and focused — perfect for a quick review.
- ✔ Find your strengths in just three rounds.
- ✔ Fast results, real progress!

Ready for a quick check? Let's go! 👍

“ Three quick tests
and you'll know exactly
what to study next! ”



How to Use This Book

Three tests, one clear plan — here's how to make them count.

What's Inside

- **3 Practice Tests** — quick, focused tests covering all Grade 4 topics
- **Answer Key** — detailed answers and explanations at the back
- **Reference Pages** — math symbols and multiplication table you can use during tests
- **My Test Tracker** — record your scores and see your growth at a glance

How to Take a Practice Test

1. **Set up:** Find a quiet spot. Gather pencils, eraser, and scratch paper.
2. **Time it:** Set a timer (or ask a grown-up to). Try to finish without rushing.
3. **Work through it:** Answer every question. Skip hard ones and come back later.
4. **Check your work:** Use any extra time to double-check your answers.
5. **Score it:** Use the Answer Key. Write your score in the Test Tracker.

Multiple Choice

Pick the best answer from the choices given.
Read ALL options before choosing — the first one that looks right isn't always the best!

Short Answer

Solve the problem and write your answer. Show your work — even if you get the answer wrong, partial credit counts in many real tests!

 **Quick Tip:** With only 3 tests, make each one count. Re-view every missed question before moving to the next test!

💡 Test-Taking Tips 💡

Quick strategies to help you ace all 3 tests!

🕒 Before You Start

- Get a good night's sleep and eat a healthy snack.
- Have your supplies ready: pencils, eraser, scratch paper.
- Take three slow, deep breaths — you've got this!
- Remember: just 3 tests, so give each one your full focus.

✍️ During the Test

1. **Read each question twice.** Underline key words like "how many more," "product," or "estimate."
2. **Show your work.** Write out each step — it helps you catch mistakes.
3. **Use scratch paper.** Line up digits carefully for multi-digit problems.
4. **Skip and return.** Stuck on a question? Star it and move on. Come back with fresh eyes.
5. **Check with estimation.** Does your answer make sense? A quick estimate can catch big errors.
6. **Use your time wisely.** Don't spend too long on one problem.

✅ Multiple Choice Tricks

- Read **all** choices first.
- Cross out answers you know are wrong.
- Plug your answer back into the problem.
- When in doubt, eliminate and guess — never leave it blank!

⚠️ Watch Out For..

- Rushing through without reading carefully.
- Mixing up \times and $+$ in word problems.
- Forgetting to regroup when adding or subtracting.
- Not simplifying fractions when asked.
- Skipping the "check your work" step.



“ Three tests is all you need for a quick check-up! Focus on each one, learn from your mistakes, and you'll be amazed how much you grow. ”

X¹ Math Reference Sheet X¹

You may use this page during your practice tests!

Symbol	Name	Meaning
+	Plus	Combine amounts
-	Minus	Find the difference
×	Times	Multiply (repeated groups)
÷	Divide	Split into equal parts
=	Equals	Same value on both sides
> <	Greater / Less Than	Compares two values
$\frac{a}{b}$	Fraction	a parts out of b equal parts
.	Decimal Point	Separates wholes from parts
∠	Angle	Measured in degrees

Key Math Words

- **Factor** — a number you multiply
- **Product** — answer from multiplying
- **Quotient** — answer from dividing
- **Remainder** — left over after dividing
- **Numerator** — top of a fraction
- **Denominator** — bottom of a fraction
- **Equivalent** — equal in value
- **Perimeter** — distance around
- **Area** — space inside
- **Estimate** — a close, rounded guess

 **Word Problem Clue Words**

Add (+) *in all, altogether, total, combined, sum, increase*

Subtract (–) *how many more, how many fewer, difference, left, remain*

Multiply (×) *each, every, per, times as many, groups of, product*

Divide (÷) *split equally, shared among, divided into, per group*

PREVIEW



Contents



Practice Test 1 1

PREVIEW



Find more at
ViewMath.com/Grade4



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 a comparison statement for the equation $5 \times 4 = 20$.

Your Answer:

2. Max saved \$5 each week for 8 weeks. He spent \$12 on a book. How much money does he have left?

(A) \$28

(B) \$52

(C) \$43

(D) \$35

3. Which of the following is NOT a multiple of 9?

(A) 18

(B) 45

(C) 54

(D) 57

4. A pattern has the rule "add 6". The first term is 4. Write the first five terms.

Your Answer:

5. The world population is about 8,000,000,000. What place value is the digit 8 in?

(A) Millions

(B) Hundred-millions

(C) Billions

(D) Ten-billions

6. Write the largest number you can make using the digits 3, 0, 5, 0, 0, 0, 0, 0 (each used once).



Your Answer:



7. What is $6,000 \div 10$?

Your Answer:

8. Round 46,583 to the nearest ten-thousand.

Your Answer:

9. What is $5 \times 1,234$?

(A) 6,070

(B) 6,170

(C) 6,270

(D) 7,170

10. What is $1,235 \div 4$?

(A) 307 R3

(B) 308 R2

(C) 308 R3

(D) 309 R1

11. Which equation correctly builds $\frac{5}{6}$ from unit fractions?



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

(B) $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

(C) $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

(D) $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$



12. A student says $\frac{3}{4} + \frac{1}{4} = \frac{4}{8}$. What mistake did the student make?

- (A) The student added the numerators correctly. (B) The student added the denominators instead of keeping them the same.
- (C) The student subtracted instead of adding. (D) The student forgot to simplify.

13. Which improper fraction is equal to $3\frac{1}{3}$?

- (A) $\frac{7}{3}$ (B) $\frac{9}{3}$
- (C) $\frac{10}{3}$ (D) $\frac{4}{3}$

14. What is $2 \times \frac{5}{6}$, written as a mixed number?

- (A) $\frac{10}{6}$ (B) $1\frac{5}{6}$
- (C) $1\frac{4}{6}$ (D) $2\frac{1}{6}$

15. On a hundredths grid, 20 squares are shaded. Which fraction describes the shaded part?

- (A) $\frac{2}{100}$ (B) $\frac{20}{10}$
- (C) $\frac{2}{10}$ (D) $\frac{20}{1}$

16. Which fraction equals 0.05?

- (A) $\frac{5}{10}$ (B) $\frac{5}{100}$
- (C) $\frac{50}{100}$ (D) $\frac{1}{5}$

17. A notebook costs \$0.87 and a folder costs \$0.78. Which is more expensive?

Your Answer:



18. A soda bottle holds 2 liters of water. How many milliliters is that?

- (A) 200 mL (B) 2,000 mL
(C) 20 mL (D) 20,000 mL

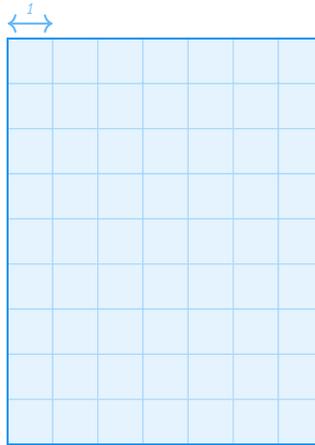
19. Convert 5 pounds to ounces.

- (A) 21 oz (B) 80 oz
(C) 32 oz (D) 100 oz

20. A box of cereal costs \$3.49. If you buy 4 boxes, how much do you spend?

Your Answer:

21. A garden is 9 meters long and 7 meters wide. What is its area?



- (A) 32 sq m (B) 63 sq m
(C) 56 sq m (D) 72 sq m



22. Which rectangle has the greatest perimeter?

(A) 6×4

(B) 8×3

(C) 7×5

(D) 9×2

23. On a line plot, each X above a value represents how many data points?

(A) 2 data points

(B) 4 data points

(C) 1 data point

(D) 0 data points

24. One degree (1°) is what fraction of a full turn around a circle?

(A) $\frac{1}{180}$

(B) $\frac{1}{90}$

(C) $\frac{1}{360}$

(D) $\frac{1}{270}$

25. Angle A measures 45° and Angle B measures 45° . Together, what type of angle do they form?

(A) Acute

(B) Right

(C) Obtuse

(D) Straight

26. Which of the following can you measure the length of?

(A) A line

(B) A ray

(C) A line segment

(D) Both a line and a ray



★ *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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- ✓ *Hundreds of practice problems*
- ✓ *Complete answer key with explanations*
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- ✓ *Reference sheets and progress trackers*

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