

3 New Hampshire NH SAS 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. Review 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. A box has 5 pencils. Another box has 7 times as many pencils. How many pencils are in the bigger box?

Your Answer:

2. There are 45 students split equally into 5 teams. Each team needs 3 jump ropes. How many jump ropes are needed in total?

Your Answer:

3. I am thinking of a number between 40 and 50 that has 7 as a factor. What is the number?

Your Answer:

4. Is 41 prime or composite? Explain how you know.

Your Answer:

5. In 307,416, which digit is in the hundred-thousands place?

(A) 7

(B) 4

(C) 3

(D) 0

6. Which comparison is **INCORRECT**?

(A) $745,000 > 74,500$

(B) $600,001 > 599,999$

(C) $410,300 < 410,030$

(D) $325,400 = 325,400$



12. A pan of brownies is cut into 8 equal pieces. Leo ate $\frac{1}{8}$, Sam ate $\frac{2}{8}$, and Kai ate $\frac{1}{8}$. What fraction of the brownies did they eat altogether?

(A) $\frac{3}{8}$

(B) $\frac{4}{8}$

(C) $\frac{5}{8}$

(D) $\frac{6}{8}$

13. What is $\frac{5}{12} - \frac{2}{12}$?

(A) $\frac{3}{0}$

(B) $\frac{7}{12}$

(C) $\frac{3}{12}$

(D) $\frac{2}{12}$

14. What is $6\frac{3}{5} - 4\frac{4}{5}$? (Regroup as needed.)

(A) $2\frac{1}{5}$

(B) $1\frac{4}{5}$

(C) $2\frac{4}{5}$

(D) $1\frac{3}{5}$

15. What is $6 \times \frac{1}{4}$, written as a mixed number?

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

(B) $1\frac{3}{4}$

(C) $1\frac{2}{4}$

(D) $2\frac{1}{4}$

16. A dime is $\frac{1}{10}$ of a dollar, and a penny is $\frac{1}{100}$ of a dollar. How much of a dollar is 3 dimes and 8 pennies combined?

(A) $\frac{30}{100}$

(B) $\frac{38}{100}$

(C) $\frac{11}{100}$

(D) $\frac{308}{100}$



17. Write 0.25 as a fraction.

(A) $\frac{25}{10}$

(B) $\frac{25}{100}$

(C) $\frac{2}{5}$

(D) $\frac{2}{10}$

18. Two swimmers raced. Swimmer A finished in 32.4 seconds. Swimmer B finished in 32.40 seconds. Who won?

(A) Swimmer A, because $32.4 < 32.40$.

(B) Swimmer B, because $32.40 > 32.4$.

(C) It was a tie, because $32.4 = 32.40$.

(D) Not enough information.

19. How many meters are in 1 kilometer?

(A) 100 m

(B) 1,000 m

(C) 10 m

(D) 10,000 m

20. A swimming pool path is 2 km long. A swimmer has completed 600 m. How many more meters must the swimmer go to finish?

(A) 598 m

(B) 1,600 m

(C) 1,400 m

(D) 2,600 m

21. A rectangle has an area of 36 square inches and a length of 9 inches. What is the width?

(A) 3 in

(B) 4 in

(C) 5 in

(D) 6 in



★ *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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