

10 Texas STAAR Grade 4 Math Practice Tests

The Ultimate Test Prep Collection with Answer Explanations

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Grade 4 Math: 10 Practice Tests



Hey there, test champion! 🏆

Ten practice tests — that's the **ultimate preparation**. By the end, you'll be ready for **anything**!

- ✓ Maximum practice for maximum confidence.
- ✓ See every type of question multiple times.
- ✓ Ten chances to improve and master every topic!

Time to become a test champion! 👍

“Ten tests! That's champion-level commitment. You're going to be SO prepared!”



How to Use This Book

Ten tests, one goal: total mastery. Here's your champion game plan.

What's Inside

- **10 Practice Tests** — the ultimate set covering every Grade 4 topic
- **Answer Key** — detailed answers and explanations at the back
- **Reference Pages** — math symbols and multiplication table you can use during tests
- **My Test Tracker** — chart your champion journey across all ten tests

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!

 **Champion Strategy:** Pace yourself! Do 2–3 tests per week. Review every mistake between tests — by Test 10, you'll be unstoppable!

💡 Test-Taking Tips 💡

Champion strategies to carry you through all 10 tests!

🕒 Before You Start

- Get a good night's sleep and eat a healthy meal.
- Have your supplies ready: pencils, eraser, scratch paper.
- Take three slow, deep breaths. You're a test champion!
- Remember: 10 tests means 10 chances to improve — no pressure on any single one.

✎ 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.



“ Ten tests! That takes real dedication. You're not just practicing — you're training like a champion. By the last test, nothing will surprise you! ”

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*



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PREVIEW



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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. Sam has 3 apples. Lily has 4 times as many apples as Sam. How many apples does Lily have?

- (A) 7
- (B) 12
- (C) 16
- (D) 34

2. There are 32 students going on a field trip. They will ride in vans that hold 8 students each. Each student needs 2 permission slips. How many permission slips are needed in total?

- (A) 8
- (B) 64
- (C) 42
- (D) 16

3. Is 100 a multiple of 4? Is 100 a multiple of 6? Answer both questions.

Your Answer:

4. Which of the following shows a growing shape pattern?

- (A) $\square \triangle \bigcirc \square \triangle \bigcirc$
- (B) A pattern where step 1 has 1 dot, step 2 has 3 dots, step 3 has 5 dots
- (C) A, B, A, B, A, B
- (D) $\bigcirc \bigcirc \bigcirc \bigcirc$

5. How is “one billion, four hundred million” written as a numeral?

- (A) 1,400,000
- (B) 14,000,000
- (C) 1,400,000,000
- (D) 14,000,000,000

6. Order from greatest to least: 310,000,000; 31,000,000; 3,100,000,000

Your Answer:



7. What is $2,300 \div 10$?

(A) 230

(B) 23

(C) 23,000

(D) 2,030

8. A news headline says "About 2 billion people watched the event." Which actual number could have been rounded to 2 billion?

(A) 1,200,000,000

(B) 2,499,000,000

(C) 2,600,000,000

(D) 3,000,000,000

9. A farmer plants 9 rows of corn with 176 plants in each row. How many corn plants are there in all?

Your Answer:

10. List all four partial products for 37×28 and find the product.

Your Answer:

11. Which fraction is the greatest?

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

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

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

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

12. Which equation is TRUE?

(A) $\frac{4}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$

(B) $\frac{5}{10} = \frac{2}{10} + \frac{3}{10}$

(C) $\frac{3}{6} = \frac{2}{6} + \frac{2}{6}$

(D) $\frac{6}{8} = \frac{4}{8} + \frac{3}{8}$



13. A pitcher was $\frac{7}{8}$ full. Ana poured out $\frac{4}{8}$. How full is the pitcher now?

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

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

(C) $\frac{11}{8}$

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

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

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

(B) $\frac{9}{3}$

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

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

15. What is $2 \times \frac{3}{4}$, written as a mixed number?

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

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

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

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

16. $\frac{3}{10}$ of a dollar equals how many cents?

(A) 3 cents

(B) 30 cents

(C) 300 cents

(D) 0.3 cents

17. A price tag says \$0.09. Write this as a fraction of a dollar and in words.

Your Answer:

18. Which number line shows the correct order of 0.2, 0.5, and 0.8?

(A) 0.8 is farthest left

(B) 0.2 is to the right of 0.5

(C) $0.2 < 0.5 < 0.8$ (left to right)

(D) 0.5 is to the right of 0.8



19. How many milliliters are in 1 liter?

- (A) 100 mL (B) 10 mL
(C) 1,000 mL (D) 10,000 mL

20. Rosa buys a book for \$6.75 and a pencil for \$0.49. How much does she spend in total?

- (A) \$6.24 (B) \$7.24
(C) \$7.14 (D) \$7.34

21. A floor has an area of 50 square feet. The length is 10 feet. What is the width?

Your Answer:

22. A square has sides of 8 m. What is its perimeter?

Your Answer:

23. Why are fractions used as labels on the number line in a line plot of measurement data?

- (A) As the labels on bars in the graph (B) Because measurements often fall between whole numbers
(C) To color the X marks differently (D) To title the graph

24. The corner of a square piece of paper is what type of angle?

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



★ 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*
- ✓ *Colorful visuals and step-by-step examples*
- ✓ *Reference sheets and progress trackers*

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