

5

Texas STAAR

Standards-Aligned Review with
Mixed Practice and Answer Key

A gold circular badge with a scalloped edge, containing the text "A+" in red. The badge is surrounded by colorful confetti and stars.

5 Texas STAAR Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Five complete 30-question Grade 4 practice rounds for STAAR, built around wide ranch roads, city lights, and bold math stamina, with answer keys and clear explanations for every item.

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Welcome, Texas Math Explorer!

Five steady rounds on the Lone Star math route

This book gives you five full Grade 4 practice tests for STAAR. Each round uses wide ranch roads, city lights, and bold math stamina to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

Texas Practice Promise

I will slow down for the question, circle what matters, solve one step at a time, and use mistakes as clues for getting stronger.

Read

Plan

Check

How to Use This Book

A ten-session routine for Texas STAAR review

1. **Preview the skills.** Read the quick review pages before the first test.
2. **Take one test at a time.** Treat each round like a stop on the Lone Star math route.
3. **Mark your confidence.** Put a small star beside problems you solved with a strong plan.
4. **Check, then retry.** For missed questions, try the problem again before reading the explanation.
5. **Track your next move.** Use the growth log to name one habit and one skill for the next test.

Good rhythm: Test one day, correct carefully the next day, then return for the next round when your corrections feel clear.



What Is Inside?

Five tests, 150 questions, and a full STAAR review path

Part	What You Will Practice
Tests 1–3	Warm-up rounds for reading carefully, choosing operations, and using models.
Tests 3–5	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 3–5	Stamina rounds for mixed review, neat work, and flexible strategies.
Answer Pages	Compact keys and explanations that show why each answer works.

The tests are mixed on purpose. Real test readiness means recognizing the skill even when the next question changes topic.



Scan me!
For more practice
& answers

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1) How many degrees greater than 90° is 120° ?

2) Subtract: $10,000 - 4,567 = ?$

3) How does 0.4 compare to 0.40?

A. $0.4 < 0.40$

B. $0.4 > 0.40$

C. $0.4 = 0.40$

D. $0.4 = 0.04$

4) An obtuse angle has an opening that is:

A. smaller than a right angle

B. the same as a right angle

C. larger than a right angle but smaller than a straight angle

D. equal to a straight angle

5) A water bottle holds $\frac{3}{4}$ liter. If you fill 5 bottles, how many liters of water do you have in total?



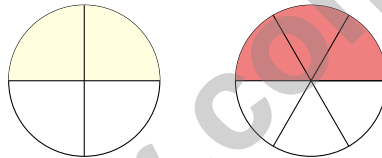
6) A book club buys 9 bundles of books. Each bundle has 15 books. If they distribute all books to 5 libraries equally, how many books does each library receive?

- A. 24 books C. 30 books
 B. 25 books D. 27 books

7) A triangle has all three sides of equal length. What can you say about its angles?

- A. All angles are equal and acute C. One angle is greater than 90 degrees
 B. One angle is 90 degrees D. The angles are different sizes

8) Two circles are the same size. Circle 1 shows $\frac{2}{4}$ shaded. Circle 2 shows $\frac{3}{6}$ shaded. Which statement is true?



Circle 1: $\frac{2}{4}$

Circle 2: $\frac{3}{6}$

A. Circle 1 is more shaded D. Cannot compare circles of different sizes
 B. Circle 2 is more shaded
 C. Both circles are equally shaded

9) A non-square rhombus has how many lines of symmetry?

- A. 0 C. 2
 B. 1 D. 4



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10) Mia has a string of length $\frac{11}{12}$ yard. She cuts it into two pieces where one piece is $\frac{6}{12}$ yard. Which shows this decomposition?

A. $\frac{6}{12} + \frac{5}{12}$

B. $\frac{4}{12} + \frac{7}{12}$

C. $\frac{5}{12} + \frac{5}{12}$

D. $\frac{8}{12} + \frac{4}{12}$

11) What is $3,248 \div 8$ with remainders shown?

A. 404 r0

B. 407 r2

C. 405 r8

D. 406 r0

12) Which pair of measurements is equivalent?

A. 2 km and 200 m

B. 4 m and 4,000 cm

C. 5 cm and 50 mm

D. 6 m and 600 mm

13) Solve: $\frac{1}{3} + \frac{2}{3} = ?$

A. $\frac{3}{6}$

B. $\frac{1}{3}$

C. $\frac{3}{3}$ or 1

D. $\frac{2}{6}$

14) A train travels 75 kilometers per hour. If it travels for 5 hours, how far does it go?

A. 80 km

B. 150 km

C. 375 km

D. 380 km

15) *Select the TWO correct answers.*

A store sold 12 red balloons. The store sold 3 times as many blue balloons. Which statements are true?

 A. The store sold 36 blue balloons. B. The store sold 24 blue balloons. C. The expression 3×12 gives the number of blue balloons. D. The store sold 15 blue balloons. E. The expression $12 + 3$ gives the number of blue balloons.

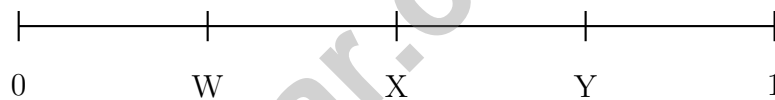
1) Which fraction is NOT equal to $\frac{10}{100}$?

A. $\frac{1}{10}$
 B. $\frac{10}{10}$

C. $\frac{20}{200}$
 D. $\frac{5}{50}$

2) In the number 8,888, the digit in the thousands place is how many times the value of the digit in the ones place?

3) Look at the number line. Where is 0.45 located?



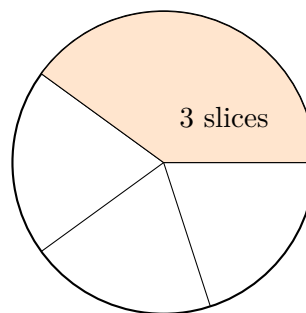
A. At W

C. Between X and Y

B. Between W and X

D. At Y

4) A pie chart is divided into 5 equal slices. Each slice is $\frac{1}{5}$ of the whole. What fraction of the pie is 3 slices?



A. $\frac{1}{5}$
 B. $\frac{3}{5}$

C. $\frac{5}{3}$
 D. $\frac{3}{15}$



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& answers

5) Lena has two ribbons. One is $3\frac{1}{3}$ meters long and the other is $1\frac{2}{3}$ meters long. If she ties them together, how long is the combined ribbon?

A. $4\frac{1}{3}$ meters

C. 5 meters

B. $4\frac{2}{3}$ meters

D. $5\frac{1}{3}$ meters

6) Mia had a ribbon that was $\frac{7}{10}$ meter long. She cut off $\frac{3}{10}$ meter for a craft project. How much ribbon was left?

A. $\frac{4}{10}$

C. $\frac{3}{10}$

B. $\frac{10}{10}$

D. $\frac{10}{20}$

7) Which set of unit fractions adds up to $\frac{5}{6}$?

A. Five $\frac{1}{6}$'s

C. Five $\frac{1}{12}$'s

B. Six $\frac{1}{5}$'s

D. Two $\frac{1}{6}$'s

8) Use the place-value table to identify the standard form:

Ten-Thousands	Thousands	Hundreds	Tens	Ones
2	0	9	3	5

A. 209,350

C. 20,093

B. 2,935

D. 20,935

9) Ava has $\frac{2}{5}$ of a candy bar. Diego gives her $\frac{2}{5}$ more. How much candy does Ava have now?

A. $\frac{4}{10}$

C. $1\frac{1}{5}$

B. $\frac{4}{5}$

D. $\frac{2}{10}$



1) A school starts the day at 9:00 a.m. Morning lessons last 2 hours 15 minutes. What time do morning lessons end?

A. 10:15 a.m.

C. 11:45 a.m.

B. 11:15 a.m.

D. 12:15 p.m.

2) A restaurant has 1,372 napkins. They pack them into bundles of 4 napkins each. How many complete bundles do they make?

A. 343

C. 341

B. 342

D. 340

3) A ribbon is $4\frac{3}{6}$ feet long. If $2\frac{2}{6}$ feet are cut off, how long is the remaining ribbon?

4) Which expanded form equals 0.34?

A. $0.3 + 0.4$

C. $3 + 0.4$

B. $0.3 + 0.04$

D. $3 + 4$

5) A recipe calls for $\frac{1}{2}$ cup of butter and $\frac{1}{2}$ cup of sugar. How much butter and sugar combined?



Butter
 $\frac{1}{2}$



Sugar
 $\frac{1}{2}$

A. $\frac{1}{4}$ cup

C. $\frac{2}{4}$ cup

B. $\frac{2}{2}$ or 1 cup

D. $\frac{1}{2}$ cup



Practice Test Answer Keys

How to use this section with a Grade 4 student:

1. check the answer first
2. mark questions to try again
3. rework the problem before reading the full explanation

A calm correction routine turns every missed item into useful practice.

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Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- The correct answer is 30. **4.6(A)** Find the difference: $120 - 90 = 30$.
- The correct answer is 5,433. **4.4(A)** Subtracting from 10,000 chains a regrouping all the way across. Borrow from the ten-thousands ($1 \rightarrow 0$); the three middle zeros become 9s and the ones becomes 10. Now: $10 - 7 = 3$, $9 - 6 = 3$, $9 - 5 = 4$, $9 - 4 = 5$, $0 - 0 = 0$. Result: **5,433**. ✓
- Choice C is correct. **4.3(C)** A trailing zero doesn't change the value. Both 0.4 and 0.40 represent the same amount: 4 tenths, or 40 hundredths.
- Choice C is correct. **4.7(E)** An obtuse angle opens wider than a right angle but is not a straight line.
- The correct answer is $\frac{15}{4}$. **4.9(B)** Filling 5 water bottles, each holding $\frac{3}{4}$ liter, gives us $5 \times \frac{3}{4} = \frac{15}{4}$ liters total.
- Choice D is correct. **4.5(A)** Two steps! Step 1: total books from all bundles: $9 \times 15 = 135$ books. Step 2: divide equally among 5 libraries: $135 \div 5 = 27$ books each.
- Choice A is correct. **4.6(D)** An equilateral triangle has three equal sides and three equal angles. Each angle measures 60 degrees, which is acute (less than 90 degrees). The answer is **A**.
- Choice C is correct. **4.3(B)** Both circles show exactly half shaded: $\frac{2}{4} = \frac{1}{2}$ and $\frac{3}{6} = \frac{1}{2}$. Equally shaded!
- Choice C is correct. **4.6(B)** A non-square rhombus has a "diamond" shape that balances along both diagonals. Each diagonal splits it into two matching triangles. The answer is **2** lines of symmetry.
- Choice A is correct. **4.3(A)** Mia's string is $\frac{11}{12}$ long. One piece is $\frac{6}{12}$, so the other must be $\frac{11}{12} - \frac{6}{12} = \frac{5}{12}$. Check: $6 + 5 = 11$ ✓.
- Choice D is correct. **4.4(E)** Long division: $3 \div 8 = 0$ r3, bring down the 2 to get $32 \div 8 = 4$, bring down the 4 to get $4 \div 8 = 0$ r4, bring down the 8 to get $48 \div 8 = 6$ with no remainder. The answer is **406**.
- Choice C is correct. **4.8(B)** Check each option. A: $2 \text{ km} = 2,000 \text{ m}$, not 200 m. B: $4 \text{ m} = 400 \text{ cm}$, not 4,000 cm. C: $5 \text{ cm} = 5 \times 10 = 50 \text{ mm}$. Correct! D: $6 \text{ m} = 6,000 \text{ mm}$, not 600 mm. The answer is **C**.
- Choice C is correct. **4.3(A)** Combine thirds: $1 + 2 = 3$ thirds total. That's $\frac{3}{3}$, which is exactly 1 whole.
- Choice C is correct. **4.8(C)** The train travels 75 kilometers per hour for 5 hours. Multiply: $75 \times 5 = 375 \text{ km}$. It travels **375** kilometers.
- The correct answer is A, C. **4.5(A)** "3 times as many" means $3 \times 12 = 36$ blue balloons—that's choice A. And the expression 3×12 in choice C is exactly the calculation we just did, so it's correct too. B (24) and D (15) come from wrong operations, and E uses + instead of \times .
- Choice D is correct. **4.4(E)** Multiply each input by 2: $6 \times 2 = 12$, $8 \times 2 = 16$, so $9 \times 2 = \mathbf{18}$.
- Choice A is correct. **4.3(A)** The grid has 12 equal squares, and 7 are filled. So the fraction is $\frac{7}{12}$, which is 7 copies of $\frac{1}{12}$.
- Choice A is correct. **4.3(A)** A bike ride covered distance over two days. Add the distances: $3\frac{3}{6} + 2\frac{2}{6} = 5\frac{5}{6}$ miles total.
- Choice B is correct. **4.7(C)** A right angle is a special angle that measures exactly 90° every time—no more, no less. You see right angles at the corners of books, windows, doors, and many shapes we use every day. The answer is **90** degrees.
- Choice B is correct. **4.7(E)** When an angle measures 55° , it is made of **55** one-degree angles.
- Choice B is correct. **4.3(C)** When you see 0.23, you're looking at twenty-three hundredths: $0.23 = \frac{23}{100}$.
- Choice C is correct. **4.4(E)** In 3,472, the digit 4 is in the hundreds place. Its value is $4 \times 100 = \mathbf{400}$. ✓
- Choice D is correct. **4.2(D)** We're rounding to the nearest ten. Look at the ones digit: 7. Since $7 \geq 5$, we round UP! The tens digit goes from 0 to 1, giving us **4,610**. ✓
- Choice C is correct. **4.9(B)** Starting at 0, each jump is $\frac{1}{4}$. After making 3 jumps, we have moved $3 \times \frac{1}{4} = \frac{3}{4}$ of the way.
- Choice D is correct. **4.3(B)** Circle 1 shows $\frac{1}{4}$. Circle 2 has 8 parts. Multiply numerator and denominator by 2: $\frac{1}{4} = \frac{1 \times 2}{4 \times 2} = \frac{2}{8}$. Shade 2 parts.



Hi, Hero!

◇ Once there was a Grade 4 student who took 5 practice tests. At first, the math was tricky. But this student kept showing up, kept trying, and kept learning. By the end, the student became a math hero. That hero is you! ◇

★ **Storytellers know:** every story has a hard middle. The hard middle is where heroes grow. You lived your hard middle. Your story ends with confidence! ★

Your Hero Toolkit

- **Brave Heart:** You try hard problems.
- **Sharp Mind:** You think carefully before you act.
- **Steady Hand:** You write neatly and check.
- **Kind Spirit:** You are patient with yourself.

Storyteller tip: on test day, remember the hero you became. The chapters before today made you stronger. Now write your best chapter!

If you want to share something or ask a question, please email me at jay@testinar.com.

Jay Daie

Your Math Storyteller

5 PRACTICE TESTS. BUILD SKILLS. BOOST CONFIDENCE!

This **Grade 4 Math Practice Tests** book is designed to help students master essential math concepts, improve problem-solving skills, and build the confidence they need to excel.

With 5 full-length practice tests, a variety of question types, and detailed answer explanations, students get the practice they need to understand math, strengthen critical thinking, and perform their best on test day and beyond.

Ideal for classroom use, homework, test preparation, and extra practice at home.

PERFECT FOR:

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- ✓ Confidence Building

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Better Problem Solving

Develop logical thinking and effective solution strategies.



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Prepare for Success

Build the confidence needed to do your best on test day.

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- ✓ Addition & Subtraction
- ✓ Multiplication & Division
- ✓ Fractions & Equivalent Fractions
- ✓ Decimals
- ✓ Geometry & Measurement
- ✓ Perimeter & Area
- ✓ Data, Graphs & Line Plots
- ✓ Patterns & Algebraic Thinking
- ✓ Word Problems
- ✓ And More!



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Build Confidence and Skills



Mixed Question Types



Answer Key Included

A+