

9

$$256 \div 8 = 32$$



$$48 \times 7 = 336$$

Nebraska NSCAS Growth

GRADE 4

MATH

PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



**9 FULL-LENGTH
PRACTICE TESTS**



**STANDARDS-ALIGNED
REVIEW**



**MIXED PRACTICE
BUILD SKILLS & CONFIDENCE**



**ANSWER KEY
FOR ALL TESTS**



$$\frac{3}{4} + \frac{1}{4} = 1$$



$$725 - 358 = 367$$

PREPARE
PRACTICE
SUCCEED
PERFORM

**PRACTICE TODAY.
SUCCEED TOMORROW.**

9 Nebraska NSCAS Growth Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Nine complete 30-question Grade 4 practice rounds for NSCAS Growth, built around prairie winds, field rows, and steady fact fluency, with answer keys and clear explanations for every item.

Jay Daie and Reza Nazari



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Welcome, Nebraska Math Explorer!

Nine steady rounds on the Cornhusker State math route

This book gives you nine full Grade 4 practice tests for NSCAS Growth. Each round uses prairie winds, field rows, and steady fact fluency to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

Nebraska 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 Nebraska NSCAS Growth 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 Cornhusker State 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?

Nine tests, 270 questions, and a full NSCAS Growth review path

Part	What You Will Practice
Tests 1–3	Warm-up rounds for reading carefully, choosing operations, and using models.
Tests 4–6	Skill-building rounds with fractions, measurement, area, data, and two-step problems.
Tests 7–9	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.



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& answers

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1) A rectangle that is **not** a square has how many lines of symmetry?

A. 1

C. 3

B. 2

D. 4

2) Leo has \$50. He buys a shirt for \$12 and pants for \$28. How much money does he have left?

A. \$10

C. \$22

B. \$16

D. \$40

3) In the number 5,391, what digit is in the tens place?

4) Rename $5 \times \frac{1}{4}$ as a mixed number.

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

C. $2\frac{1}{4}$

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

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

5) A bathtub contains 120 fluid ounces of water. How many cups is this?

A. 15

C. 60

B. 30

D. 240



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6) What is $\frac{3}{8} + \frac{2}{8}$?

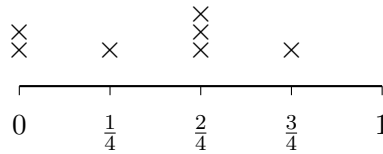
A. $\frac{1}{8}$

B. $\frac{5}{8}$

C. $\frac{5}{16}$

D. $\frac{6}{8}$

7) Look at the line plot showing pencil lengths (in inches):



How many pencils measured $\frac{2}{4}$ inch?

A. 1

B. 2

C. 3

D. 4

8) Which pair of fractions are correctly compared using 0 and 1 as benchmarks?

A. $\frac{2}{100} < \frac{99}{100}$ (both close to benchmarks)

C. $\frac{6}{10} > 1$ (beyond benchmark 1)

B. $\frac{7}{12} > \frac{5}{12}$ (both close to $\frac{1}{2}$)

D. $\frac{1}{8} < 0$ (below benchmark 0)

9) An art class has 8 paintbrushes. Another art class has 4 times as many paintbrushes. How many paintbrushes does the other class have?

A. 12

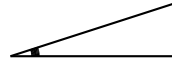
B. 24

C. 32

D. 40



10)

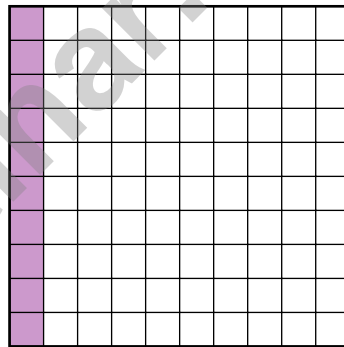


This angle shows tick marks from 0 to 18 degrees. Write the measure of this angle.

11) Marcus buys 4 containers of yogurt. Each container has $\frac{2}{5}$ pound. What is the total weight?

 A. $\frac{2}{20}$ pounds B. $\frac{6}{5}$ pounds C. $\frac{4}{2}$ pounds D. $\frac{8}{5}$ pounds or $1\frac{3}{5}$ pounds

12) Ming shaded $\frac{1}{10}$ of a rectangle. How many hundredths is this?



1 column shaded out of 10 columns

 A. 1 hundredth B. 10 hundredths C. 100 hundredths D. 11 hundredths

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- 1) Dakota has 32 beads. Dakota has 4 times as many beads as Ryan. How many beads does Ryan have?

- 2) Round 5,196 to the nearest ten.

- A. 5,190 C. 5,196
 B. 5,100 D. 5,200

- 3) A number line from 0 to 2 has tick marks every $\frac{1}{6}$. What fraction is at the 10th tick mark?



- A. $\frac{6}{6}$ C. $\frac{10}{12}$
 B. $\frac{10}{6}$ D. $\frac{5}{6}$
- 4) Which of the following is a right angle?
- A. An angle less than 90° C. An angle greater than 90° but less than 180°
 B. An angle equal to 90° D. An angle equal to 180°



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5) If you turn $\frac{1}{6}$ of the way around a circle, how many degrees do you turn?

A. 60°

C. 120°

B. 90°

D. 180°

6) Write the numeral for “three hundred nineteen thousand, five hundred two”.

7) Ava ate $\frac{6}{8}$ of a pizza. How many eighths is that?

A. 2

C. 8

B. 6

D. 14

8) A bottle of shampoo contains 5 liters. How many milliliters is this?

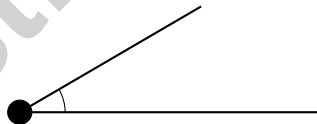
A. 500

C. 50,000

B. 5,000

D. 500,000

9)



Which statement is true about this angle?

A. It is larger than a right angle

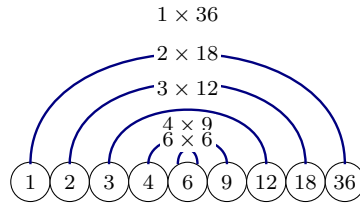
C. It is equal to a right angle

B. It is smaller than a right angle

D. It is a straight angle



- 5) Look at the factor pairs of 36 shown in a rainbow diagram. How many factor pairs does 36 have?



- A. 4
 C. 6
 B. 7
 D. 5
- 6) A rectangular yard is 20 feet long and 15 feet wide. How much fencing is needed to go around it?
- A. 35 ft
 C. 300 ft
 B. 70 ft
 D. 140 ft
- 7) Which pair of numbers both round to 7,000 when rounded to the nearest thousand?
- A. 6,499 and 7,501
 C. 7,149 and 6,449
 B. 6,501 and 7,999
 D. 6,500 and 7,450
- 8) What is $6 \times \frac{1}{3}$?
- A. $\frac{1}{18}$
 C. $\frac{2}{3}$
 B. $\frac{6}{3}$
 D. $\frac{3}{6}$
- 9) Which decimal is greater: 0.64 or 0.46?



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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

- 1) **Choice B is correct.** (4.G.1) A non-square rectangle is longer in one direction, so it balances in two ways: a vertical fold through the middle and a horizontal fold through the middle. The answer is **2** lines of symmetry.
- 2) **Choice A is correct.** (4.G.2) Step 1: Find total spent: $12 + 28 = 40$ dollars. Step 2: Subtract from \$50: $50 - 40 = 10$ dollars. Leo has \$10 left.
- 3) **The correct answer is 9.** (4.N.1) Count from the right: ones, tens, hundreds, thousands. The tens place is the second digit from the right, which is **9**. ✓
- 4) **Choice A is correct.** (4.A.1) Five fourths: $5 \times \frac{1}{4} = \frac{5}{4}$. As a mixed number, that's $1\frac{1}{4}$ (one whole and one fourth).
- 5) **Choice A is correct.** (4.G.2) Since 1 cup = 8 fluid ounces, divide: $120 \div 8 = 15$ cups. The answer is **15** cups.
- 6) **Choice B is correct.** (4.N.3) Same denominator means we just combine numerators: $3 + 2 = 5$, so $\frac{5}{8}$.
- 7) **Choice C is correct.** (4.G.2) Look at the line plot where $\frac{2}{4}$ inch is marked. Count the X marks stacked above that tick: we see **3** marks.
- 8) **Choice A is correct.** (4.N.1) $\frac{2}{100}$ is tiny (close to 0), while $\frac{99}{100}$ is almost 1. So $\frac{2}{100} < \frac{99}{100}$. The benchmark fractions 0 and 1 show the comparison clearly.
- 9) **Choice C is correct.** (4.N.1) "4 times as many" is a multiplication signal: $4 \times 8 = 32$ paintbrushes.
- 10) **The correct answer is 18.** (4.G.1) The angle spans from 0° to 18° , so it measures **18°** .
- 11) **Choice D is correct.** (4.A.1) Marcus buys 4 containers, each with $\frac{2}{5}$ pound. Multiply: $4 \times \frac{2}{5} = \frac{4 \times 2}{5} = \frac{8}{5} = 1\frac{3}{5}$ pounds. The answer is **$1\frac{3}{5}$** pounds.
- 12) **Choice B is correct.** (4.N.2) One whole column out of 10 is shaded, so $\frac{1}{10} = \frac{10}{100}$, which is 10 hundredths.
- 13) **Choice A is correct.** (4.A.1) Use long division: $2 \div 7 = 0$ r2, bring down the 5 to get $25 \div 7 = 3$ r4, bring down the 2 to get $42 \div 7 = 6$, bring down the 0 to get $0 \div 7 = 0$. The answer is **360**.
- 14) **Choice A is correct.** (4.N.3) Diego used $\frac{6}{10}$ on the hike and $\frac{3}{10}$ at camp. Total water used: $6 + 3 = 9$, so $\frac{6}{10} + \frac{3}{10} = \frac{9}{10}$. ✓
- 15) **Choice C is correct.** (4.G.3) Area = length \times width = $10 \times 3 = 30$ sq in.
- 16) **Choice B is correct.** (4.G.1) When two lines cross, they form angles opposite each other. These opposite angles are called vertical angles, and here's the cool part: they're always exactly the same size!
- 17) **Choice B is correct.** (4.G.2) The compass turns twice in the same direction. Add them: $78^\circ + 42^\circ = 120^\circ$.
- 18) **The correct answer is A, C.** (4.A.1) A means "6 copies of $\frac{1}{8}$ ", which is $\frac{6}{8}$. C also means "6 copies of $\frac{1}{8}$ ", just written in words. Both are correct. B and D would give $\frac{8}{8}$ (too many). E is subtraction.
- 19) **Choice D is correct.** (4.N.1) Break 18: $36 \times (10 + 8) = 360 + 288 = 648$ square feet.
- 20) **Choice D is correct.** (4.N.3) Since $\frac{2}{10} < \frac{4}{10}$, regroup: $3\frac{2}{10} = 2\frac{12}{10}$. Subtract: $2\frac{12}{10} - 1\frac{4}{10} = 1\frac{8}{10}$.
- 21) **The correct answer is 392.** (4.D.2) "7 times as many" means multiply: 56×7 . A handy way to think about it: $50 \times 7 = 350$ and $6 \times 7 = 42$, so $350 + 42 = 392$ donuts.
- 22) **Choice D is correct.** (4.N.3) Three steps! Step 1: deer total: $6 \times 12 = 72$. Step 2: rabbit total: $7 \times 12 = 84$. Step 3: add for grand total: $72 + 84 = 156$ animals.
- 23) **Choice C is correct.** (4.G.1) A three-quarter turn is $\frac{3}{4}$ of the full circle: $\frac{3}{4} \times 360^\circ = 270^\circ$.
- 24) **Choice A is correct.** (4.N.1) Choice A matches all three forms: standard 142,805, word form "one hundred forty-two thousand, eight hundred five", and expansion $100,000 + 40,000 + 2,000 + 800 + 5$. ✓
- 25) **Choice B is correct.** (4.N.3) When we add unit fractions with the same denominator, we keep the denominator and add the numerators. $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$ has three 1's in the numerator, so it equals $\frac{3}{4}$. The other choices incorrectly change the denominator.
- 26) **Choice A is correct.** (4.N.1) Add: $2,345 + 7,654 = 9,999$. The digits complement each other perfectly!
- 27) **Choice A is correct.** (4.N.2) The phrase "six tenths" appears in both the decimal form (0.6) and the fraction form ($\frac{6}{10}$).
- 28) **Choice A is correct.** (4.N.2) The fraction $\frac{8}{10}$ means 8 tenths, which is 0.8.



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A Quiet Word From Your Mentor

Hi, Thoughtful Student,

◇ I want to take a moment to tell you something true: you did excellent work. 9 practice tests is a real promise that you kept to yourself. That matters. ◇

★ **Mentors notice:** growth is quiet. It doesn't shout. But it shows up in how you handle a problem today vs how you did weeks ago. That growth is your real prize. ★

What I See in You

- **Hard Work:** You don't quit when problems are tough.
- **Curiosity:** You wonder why and how.
- **Kindness:** You are patient with yourself.
- **Brave Heart:** You try things that scare you.

Mentor's note: on test day, treat yourself like you would a friend. Be kind. Be patient. Be encouraging. The skills are inside you!

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

Jay Daie

Your Math Mentor

PRACTICE TODAY. ACHIEVE TOMORROW!

This **Grade 4 Math Practice Tests** book is designed to help students strengthen essential math skills, build confidence, and develop the problem-solving abilities needed for classroom success and test readiness.

With 9 full-length practice tests, students gain repeated exposure to important Grade 4 concepts while learning how to approach questions with accuracy, confidence, and strong mathematical thinking.

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