

5 Nebraska NSCAS Growth

Standards-Aligned Review with
Mixed Practice and Answer Key



5 Nebraska NSCAS Growth Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Five 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



Copyright ©

Testinar Inc



Published by Testinar Inc

Testinar.com

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the author, except in the case of brief quotations embodied in critical reviews and certain other noncommercial uses permitted by copyright law, including Section 107 or 108 of the 1976 United States Copyright Act.

This publication is independently produced and has no official connection to any state, district, or national testing program.

Test names and organizational names used herein are the property of their respective trademark holders.



Copyright ©

Welcome, Nebraska Math Explorer!

Five steady rounds on the Cornhusker State math route

This book gives you five 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?

Five tests, 150 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 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

Table of Contents

★ Practice Test 1	_____	13
★ Practice Test 2	_____	25
★ Practice Test 3	_____	36
★ Practice Test 4	_____	47
★ Practice Test 5	_____	59
Practice Test Answer Keys	_____	69
Practice Test Answers and Explanations	_____	73

- 5) A baker has $\frac{11}{8}$ pounds of sugar. Which shows one way to decompose this?
- A. $\frac{8}{8} + \frac{3}{8}$ C. $\frac{7}{8} + \frac{3}{8}$
 B. $\frac{5}{8} + \frac{4}{8} + \frac{1}{8}$ D. $\frac{6}{8} + \frac{4}{8}$
- 6) A coach has 3 teams. Team A has 18 players, Team B has 22 players, and Team C has 20 players. They want to divide all players equally into 8 groups. How many players are in each group, and how many players are left over?
- A. 15 C. 6 remainder 2
 B. 8 D. 7 remainder 4
- 7) Diego ran 3,456 meters on Monday and 2,789 meters on Wednesday. How much farther did he run on Monday?
- A. 667 meters C. 677 meters
 B. 767 meters D. 777 meters
- 8) In the word form “seventy-eight thousand, four hundred twelve”, which place does the digit 8 occupy?
- A. Tens place C. Hundreds place
 B. Ten-thousands place D. Thousands place
- 9) How many positive factors does 40 have?



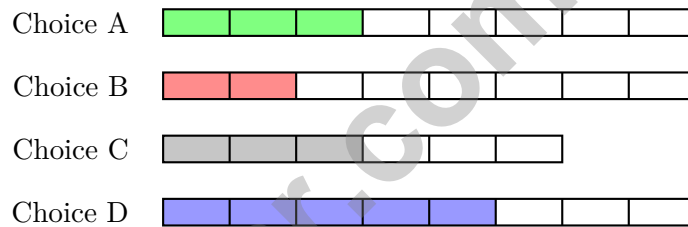
10) All of the following figures have at least one line of symmetry **except** which one?

- A. An equilateral triangle
- B. A rectangle
- C. A slanted parallelogram with unequal adjacent sides
- D. An isosceles triangle

11) What is $\frac{1}{4} + \frac{3}{4}$?

- A. $\frac{4}{8}$
- B. $\frac{4}{4}$ or 1
- C. $\frac{3}{4}$
- D. $\frac{1}{8}$

12) Which fraction bar correctly shows $\frac{3}{8}$?



- A. 3 shaded of 8
- B. 2 shaded of 8
- C. 3 shaded of 6
- D. 5 shaded of 8

13) Which quotient and remainder is correct for $849 \div 9$?

- A. 93 r6
- B. 96 r1
- C. 95 r4
- D. 94 r3

14) A jar contains $\frac{1}{4}$ liter of honey. How much honey is in 7 jars?

- A. $\frac{1}{28}$ liter
- B. $\frac{4}{7}$ liters
- C. $\frac{7}{4}$ liters
- D. $\frac{7}{28}$ liter



Scan me!
For more practice
& answers

1) A straight angle measures 180° . If it is split into two angles, and one angle is 125° , what is the measure of the other angle?

A. 55°

C. 305°

B. 65°

D. 180°

2) Round 4,607 to the nearest ten.

A. 4,600

C. 4,607

B. 4,700

D. 4,610

3) Ava eats 3 of 8 equal pizza slices. What fraction of the pizza did she eat?

4) Which statement is true about 0.5 and 0.5?

A. They are not equal

C. One is greater than the other

B. They are equivalent

D. They cannot be compared

5) Tommy eats $\frac{1}{4}$ of a pizza 6 times a week. How much pizza does he eat per week?

A. $\frac{1}{24}$ of a pizza

C. $\frac{6}{24}$ of a pizza

B. $\frac{6}{4}$ or $1\frac{1}{2}$ of a pizza

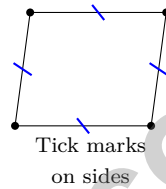
D. $\frac{5}{4}$ of a pizza



Scan me!
For more practice
& answers

1) What is $6 \times \frac{1}{6}$?

2) Look at the shape with tick marks on the sides. Which attribute do the tick marks show?



- A. Parallel sides
- B. Right angles
- C. Equal sides
- D. Perpendicular sides
- 3) A town's population grew from 34,567 to 56,789. What is the increase in population?
- A. 21,222
- B. 21,122
- C. 22,122
- D. 22,222
- 4) $\frac{5}{4}$ is the same as $1\frac{1}{4}$. Which shows this decomposition?
- A. $\frac{4}{4} + \frac{1}{4}$
- B. $\frac{2}{4} + \frac{2}{4}$
- C. $\frac{3}{4} + \frac{1}{4}$
- D. $\frac{4}{4} + \frac{2}{4}$



Scan me!
For more practice
& answers

5) What is the missing numerator? $\frac{3}{10} + \frac{?}{100} = \frac{50}{100}$

A. 20

C. 30

B. 47

D. 50

6) A library has 13 shelves. Each shelf holds 64 books. How many books are on these shelves?

A. 832 books

C. 845 books

B. 778 books

D. 912 books

7) What is the name of the point where the two rays of an angle meet?

A. The arc

C. The vertex

B. The side

D. The interior

8) What is $\frac{9}{10} + \frac{1}{10}$?



$\frac{9}{10}$ (light red) + $\frac{1}{10}$ (dark red)

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

C. $\frac{8}{10}$

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

D. $\frac{1}{10}$

9) Sofia has 3,472 stickers. What is the place value of the digit 4 in her total?

A. 4

C. 400

B. 40

D. 4,000



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.

Testinar.com



Scan me!
For more practice
& answers

Practice Test Answers and Explanations

Practice Test 1 Answers and Explanations

- Choice C is correct.** (4.G.2) Since 1 gallon = 4 quarts, multiply: $20 \times 4 = 80$ quarts. The answer is **80** quarts.
- Choice D is correct.** (4.N.1) Decompose: $3 \times (800 + 7) = 2400 + 21 = \mathbf{2421}$.
- Choice D is correct.** (4.N.1) The shaded parts in both bars cover the same length, even though the second bar has more pieces. When you divide each half into 2 more pieces, $\frac{1}{2}$ becomes $\frac{2}{4}$ —same amount, more pieces.
- Choice C is correct.** (4.G.1) A trapezoid has exactly one pair of parallel sides. The green arrows in the figure mark this single pair of parallel sides, confirming the figure is a trapezoid. The answer is **C**.
- Choice A is correct.** (4.N.3) The baker has $\frac{11}{8}$ pounds. One whole is $\frac{8}{8}$, leaving $11 - 8 = 3$ more eighths. So: $\frac{8}{8} + \frac{3}{8} = \frac{11}{8}$ ✓.
- Choice D is correct.** (4.N.3) Two steps! Step 1: total players from all three teams: $18 + 22 + 20 = 60$. Step 2: divide into 8 groups: $60 \div 8 = 7$ remainder 4. So each group has 7 players with 4 left over. Check: $7 \times 8 = 56$, and $60 - 56 = 4$. ✓
- Choice A is correct.** (4.N.1) “How much farther” asks us to subtract. $3,456 - 2,789 = \mathbf{667}$ meters.
- Choice D is correct.** (4.N.1) “Seventy-eight thousand” = 78,000, so the full number is 78,412. The digit 8 is in the thousands place ✓
- The correct answer is 8.** (4.N.4) Find all the factor pairs: 1×40 , 2×20 , 4×10 , 5×8 . Combine both sides: 1, 2, 4, 5, 8, 10, 20, 40—that’s **8** factors total.
- Choice C is correct.** (4.G.1) A slanted parallelogram leans to one side and has different side lengths next to each other. Unlike the equilateral triangle (3 lines), rectangle (2 lines), and isosceles triangle (1 line), this shape has zero symmetry. The answer is A slanted parallelogram with unequal adjacent sides.
- Choice B is correct.** (4.N.3) Add numerators: $1 + 3 = 4$. We get $\frac{4}{4}$, which is one whole. When the top and bottom match, it equals 1.
- Choice A is correct.** (4.N.3) In the bar, 8 equal parts total with 3 shaded. So $\frac{3}{8}$ is shown, which is three unit fractions of $\frac{1}{8}$.
- Choice D is correct.** (4.A.1) Divide: $84 \div 9 = 9$ r3, bring down the 9 to get $39 \div 9 = 4$ r3. The quotient is **94** with remainder 3.
- Choice C is correct.** (4.A.1) Seven jars, each holding $\frac{1}{4}$ liter of honey, give us $7 \times \frac{1}{4} = \frac{7}{4}$ liters.
- Choice D is correct.** (4.N.1) We’re rounding to the nearest ten thousand. Look at the thousands digit: 4. Since $4 < 5$, we round DOWN to **40,000**. ✓
- The correct answer is 95.** (4.G.2) Place the protractor’s center at the vertex. Align the baseline ray with 0° . The second ray points to the 95° mark. Since $95^\circ > 90^\circ$ but $95^\circ < 180^\circ$, this is an obtuse angle. The answer is **95** degrees.
- Choice D is correct.** (4.N.1) A value of 7,000 means $7 \times 1,000$. This is the thousands place. Answer: Thousands. ✓
- The correct answer is A, C.** (4.N.3) Let’s check each statement. Step 1 (for A and C): Add the amounts: $\frac{3}{4} + \frac{2}{4} = \frac{5}{4}$ cups total (A is correct). Find the difference: $\frac{3}{4} - \frac{2}{4} = \frac{1}{4}$ cup more sugar (C is correct). Step 2 (why others fail): B claims $\frac{5}{8}$, but we got $\frac{5}{4}$. D claims $\frac{1}{8}$, but the difference is $\frac{1}{4}$. E compares the ratio 2:3, which is not half.
- Choice B is correct.** (4.G.1) Ava’s angle measures 100° , which means it contains **100** one-degree angles.
- Choice A is correct.** (4.N.2) Point X is near 0.3, at 0.28. Point Y is near 0.7, at 0.72. Since $0.28 < 0.72$, we have $X < Y$.
- Choice A is correct.** (4.G.2) The diagram shows a ray splitting the angle. Subtract to find the larger part: $136^\circ - 52^\circ = \mathbf{84^\circ}$.
- Choice C is correct.** (4.A.1) To make $\frac{3}{4}$, we need 3 copies of $\frac{1}{4}$. So we need **3** unit fractions.
- Choice D is correct.** (4.N.1) Claire’s group has 2 rows of 4 marbles—that’s “2 times as many.” Multiply: $2 \times 4 = 8$ marbles.
- The correct answer is 90.** (4.G.1) The corner of a square is always a right angle, and a right angle is always 90° .
- Choice C is correct.** (4.A.1) Eight twelfths: $8 \times \frac{1}{12} = \frac{8}{12}$.
- Choice D is correct.** (4.D.2) To find “how many times,” divide the larger group by the smaller: $8 \div 2 = 4$. So Group B has **4** times as many counters as Group A.



Scan me!
For more practice
& answers

Author's Note

From a Friend Who Believes in You

Hi, Friend!

◇ I just want to say something important: I am proud of you. You did 5 full practice tests. That takes time, hard work, and heart. ◇

★ **Friendly truth:** a test is just one part of your math journey. You are SO much more than a score. The work you did is the real win! ★

What I Want You to Know

- **You are smart.** Every test you finished proves it.
- **You are brave.** You tried hard problems.
- **You are growing.** Mistakes taught you new things.
- **You are ready.** The skills are inside you.

One more thing: on test day, take a deep breath. Smile. Remember that someone (me!) believes in you. You can do this!

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

Jay Daie

Your Math Friend

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:

- ✓ Classroom Practice
- ✓ Homework & Review
- ✓ Independent Learning
- ✓ Test Preparation
- ✓ Skill Reinforcement
- ✓ Confidence Building

★ CONFIDENCE TODAY.
SUCCESS TOMORROW!

WHAT STUDENTS WILL GAIN



Stronger Math Skills

Build a solid foundation through targeted practice and review.



Better Problem Solving

Develop logical thinking and effective solution strategies.



Test Confidence

Become familiar with test-style questions and formats.



Track Progress

Measure growth across multiple practice tests.



Master Key Concepts

Reinforce important skills aligned with grade-level standards.



Prepare for Success

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

TOPICS COVERED

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



Visit testinar.com/math4 for additional Grade 4 math resources and practice materials.

MORE PRACTICE. GREATER RESULTS.

Give your child the tools needed to develop strong math skills, confidence, and a positive attitude toward learning.



5 Full-Length Practice Tests



Standards-Aligned



Build Confidence and Skills



Mixed Question Types



Answer Key Included

A+