

6 Kansas KAP

GRADE 4 MATH PRACTICE TESTS

Standards-Aligned Review with
Mixed Practice and Answer Key



MASTER KEY MATH CONCEPTS
BUILD CONFIDENCE FOR TEST DAY

INCLUDES COMPREHENSIVE ANSWER KEY
ALIGNED STATE STANDARDS

6 Kansas KAP Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Six complete 30-question Grade 4 practice rounds for KAP, built around wide skies, sunflower rows, and careful place-value checks, 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, Kansas Math Explorer!

Six steady rounds on the Sunflower State math route

This book gives you six full Grade 4 practice tests for KAP. Each round uses wide skies, sunflower rows, and careful place-value checks to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

Kansas 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 Kansas KAP 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 Sunflower 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?

Six tests, 180 questions, and a full KAP 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 4–6	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.

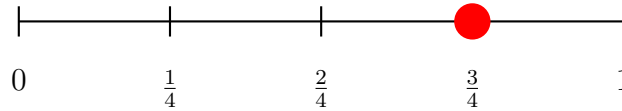


Scan me!
For more practice
& answers

Table of Contents

★ Practice Test 1	_____	14
★ Practice Test 2	_____	25
★ Practice Test 3	_____	36
★ Practice Test 4	_____	47
★ Practice Test 5	_____	59
★ Practice Test 6	_____	70
Practice Test Answer Keys	_____	81
Practice Test Answers and Explanations	_____	85

1) Which fraction is shown on the number line?



A. $\frac{2}{4}$

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

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

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

2) Maya measured her jump rope. It was 0.65 meters. Sam's rope was 0.56 meters. Whose rope was longer?

 A. Maya's rope (0.65 m) B. Sam's rope (0.56 m) C. Both ropes are the same length D. Cannot tell from the information

3) What is $1,245 \div 5$?

 A. 229 B. 269 C. 289 D. 249

4) School starts at 8:45 a.m. If school runs for 6 hours, what time does it end?

 A. 2:45 p.m. B. 3:00 p.m. C. 2:45 a.m. D. 12:45 p.m.

5) Ming collected 8,643 stickers. Round this to the nearest hundred.



6) Mia bakes 8 cookies. Max bakes 2 times as many cookies as Mia. How many cookies does Max bake?

A. 6

C. 10

B. 8

D. 16

7) A group has 73 cookies to pack into boxes of 12. How many complete boxes will they have? How many cookies will be left over?

A. 6 boxes, 2 left

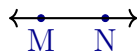
C. 7 boxes, 1 left

B. 5 boxes, 13 left

D. 6 boxes, 1 left

8) Which diagram shows line segment MN ?

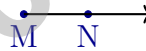
A.



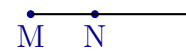
B.



C.



D.



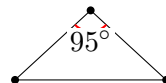
A. Diagram A

C. Diagram C

B. Diagram B

D. Diagram D

9) Look at the triangle. It has one angle that is 95 degrees. What type of triangle is it?



A. Acute triangle

C. Obtuse triangle

B. Right triangle

D. Equilateral triangle



Scan me!
For more practice
& answers

- 10) 
Toy A
- 
Toy B

Toy A costs \$3. Toy B costs 3 times as much as Toy A. How much does Toy B cost?

- A. \$6 C. \$12
- B. \$15 D. \$9
- 11) What is the missing numerator? $\frac{3}{10} + \frac{?}{100} = \frac{50}{100}$
- A. 20 C. 30
- B. 47 D. 50
- 12) Which number does NOT belong in this pattern? 12, 24, 36, 50, 60
- A. 12 C. 50
- B. 36 D. 60

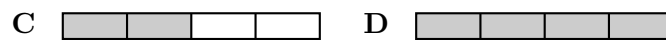
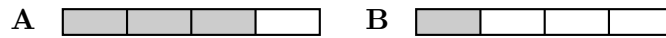
- 13) 

The angle is marked from 0° to 80° . What is the angle measure?

- A. 80° C. 79°
- B. 81° D. 160°



1) Which picture shows $3 \times \frac{1}{4}$?



A. Picture A

C. Picture C

B. Picture B

D. Picture D

2) What is $100,000 - 67,234$?

A. 32,766

C. 32,666

B. 33,766

D. 33,666

3) In the number 6,663, the value of the digit 6 in the hundreds place is how many times the value of the digit 6 in the tens place?

A. 1

C. 100

B. 1,000

D. 10

4) Which does NOT correctly decompose $\frac{8}{10}$?

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

C. $\frac{2}{10} + \frac{5}{10}$

B. $\frac{3}{10} + \frac{5}{10}$

D. $\frac{1}{10} + \frac{7}{10}$

5) An angle is labeled 77° . What is its measure in degrees?



6) Add: $\frac{2}{10} + \frac{35}{100}$. Express your answer as a fraction with denominator 100.

7) Which inequality is true?

A. $\frac{5}{8} > \frac{7}{8}$

B. $\frac{5}{8} < \frac{1}{2}$

C. $\frac{5}{8} = \frac{7}{8}$

D. $\frac{5}{8} < \frac{7}{8}$

8) Using place value, what digit in 16,372 must you look at to round to the nearest thousand?

 A. The ones place (2) C. The hundreds place (3) B. The tens place (7) D. The thousands place (6)

9) Zoe's basketball team scored 9 points in the first quarter. In the second quarter, they scored 2 times as many points. How many points did they score in the second quarter?

 A. 11 C. 20 B. 16 D. 18

10) A city library has 287,654 books. How is this number read?

 A. Two hundred eighty thousand, seven hundred fifty-four C. Twenty-eight thousand, seven hundred fifty-four B. Two hundred thousand, eighty-seven thousand, six hundred fifty-four D. Two hundred eighty-seven thousand, six hundred fifty-four

Scan me!
For more practice
& answers

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 B is correct.** (4.NF.3) The red dot sits at the third mark on the number line, which shows $\frac{3}{4}$ ✓.
- Choice A is correct.** (4.NF.5) Look at the tenths place: 0.65 has 6 tenths while 0.56 has 5 tenths. Since $6 > 5$, $0.65 > 0.56$, and Maya's rope is longer.
- Choice D is correct.** (4.NBT.6) We use long division: $12 \div 5 = 2$ r2, bring down the 4 to get $24 \div 5 = 4$ r4, then bring down the 5 to get $45 \div 5 = 9$. So **249** is our answer.
- Choice A is correct.** (4.MD.2) School starts at 8:45 a.m. and runs for 6 hours. Add 6 hours to 8:45 a.m. to get 2:45 p.m. School ends at **2:45** p.m.
- The correct answer is 8,600.** (4.NBT.3) We're rounding to the nearest hundred. Look at the tens digit: 4. Since $4 < 5$, round DOWN. Ming has about **8,600** stickers. ✓
- Choice D is correct.** (4.OA.1) "2 times as many" is a multiplication signal. Max bakes 2 groups of Mia's 8 cookies: $8 \times 2 = 16$ cookies.
- Choice D is correct.** (4.OA.3) Divide to pack: $73 \div 12 = 6$ remainder 1. So 6 complete boxes get filled and 1 cookie is left over. Check: $6 \times 12 = 72$, and $73 - 72 = 1$. ✓
- Choice B is correct.** (4.G.1) A line segment is just a straight connection between two points with no arrows and no extra stretching. Diagram B shows this perfectly — clean and simple.
- Choice C is correct.** (4.G.2) Since one angle measures 95 degrees, which is greater than 90 degrees, this triangle is an obtuse triangle. The angle of 95 degrees is the obtuse angle. The answer is **C**.
- Choice D is correct.** (4.OA.2) Toy B's group has 3 rows of \$3—"3 times as much." Multiply: $3 \times \$3 = \9 .
- Choice A is correct.** (4.NF.5) First, convert $\frac{3}{10} = \frac{30}{100}$. Then: $\frac{30}{100} + \frac{?}{100} = \frac{50}{100}$ tells us the missing number is 20.
- Choice C is correct.** (4.OA.4) The pattern should follow "add 12," giving multiples of 12: 12, 24, 36, 48, 60, ... Looking at the list, 50 does not appear in that sequence ($48 + 12 = 60$, not 50). So **50** is the number that doesn't belong.
- Choice A is correct.** (4.G.1) The degree marks show the angle goes from 0 to 80, so it measures **80°**.
- Choice A is correct.** (4.NF.4) The pie is cut into 4 equal pieces. Each piece is $\frac{1}{4}$ of the pie. Sam ate 3 pieces, so he ate $3 \times \frac{1}{4} = \frac{3}{4}$ of the pie.
- Choice C is correct.** (4.NF.4) On the number line, we make 3 jumps of $\frac{2}{3}$ each, landing at 2. So $3 \times \frac{2}{3} = \frac{6}{3} = 2$. The answer is **2**.
- The correct answer is A, D.** (4.NF.3) A: $5 + 3 = 8$ twelfths ✓. D: $6 + 2 = 8$ twelfths ✓. B: $11 - 2 = 9$ (wrong). C: $4 + 4 = 8$ sixths, not twelfths (wrong). E: $9 - 4 = 5$ (wrong).
- Choice D is correct.** (4.OA.4) Hunt for factors beyond 1 and 16. Since $16 = 2 \times 8 = 4 \times 4$, both 2 and 4 are factors. With factors 1, 2, 4, 8, 16 (more than two), 16 is **composite**.
- Choice B is correct.** (4.G.3) An isosceles triangle has two equal sides meeting at the top (vertex angle). A fold line from that top point straight down to the middle of the base creates matching left and right halves. The answer is An isosceles triangle with the line through the vertex angle.
- The correct answer is 645.** (4.NBT.5) Identify the multiplication: 15 rows with 43 plants each. Calculate: $15 \times 43 = 15 \times (40 + 3) = 600 + 45 = 645$ plants.
- Choice A is correct.** (4.MD.3) Since a straight angle measures 180° , subtract the known part: $180^\circ - 125^\circ = 55^\circ$.
- Choice D is correct.** (4.NF.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 A is correct.** (4.NBT.1) One ray sits on the baseline at 0° , and the other ray points to the 30° mark. Since $30^\circ < 90^\circ$, this is an acute angle. The answer is **30** degrees.
- The correct answer is $2\frac{6}{8}$.** (4.NF.3) Since $\frac{5}{8} < \frac{7}{8}$, regroup: $6\frac{5}{8} = 5\frac{13}{8}$. Then subtract: $5\frac{13}{8} - 3\frac{7}{8} = 2\frac{6}{8}$.
- Choice D is correct.** (4.NBT.1) Moving the digit 4 from tens (40) to thousands (4,000) increases its value by the ratio $4,000 \div 40 = 100$ times. ✓
- Choice C is correct.** (4.NF.4) Noah skips in eighths: $\frac{1}{8}, \frac{2}{8}, \frac{3}{8}$. After 3 skips, he's at $\frac{3}{8}$.
- Choice B is correct.** (4.NF.3) A hiking trail is shown with sections covered. Step 1: Add the distances the hikers covered: $\frac{4}{12} + \frac{4}{12} = \frac{8}{12}$. Step 2: Find what's left: $\frac{12}{12} - \frac{8}{12} = \frac{4}{12}$.



Scan me!
For more practice
& answers

Cheer Squad Final Pep Talk

Hi, Math Star!

◇ 6 practice tests! That's a LOT of work, and you did it ALL. I am cheering so loud right now. You earned every clap and every cheer! ◇

★ **Cheerleader truth:** confidence is built by showing up. You showed up 6 times. That's real confidence. It is not pretend! ★

Cheer Roll Call

- **Effort:** 100% YOU SHOWED UP!
- **Heart:** BIG!
- **Skills:** STRONG and growing!
- **Spirit:** BRIGHT!

Cheer tip: on test day, be your own cheerleader. Whisper to yourself: "I can do this. I practiced." Tiny cheers make a big difference!

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

Jay Daie

Your Math Cheerleader

PRACTICE TODAY, SUCCEED TOMORROW!

This **Grade 4 Math Practice Tests** book is the perfect tool to help students strengthen their math skills, master important concepts, and build confidence for test success.

With 6 full-length practice tests, a variety of question types, and detailed answer explanations, students get the review and practice they need to improve accuracy, develop critical thinking, and achieve their best.

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 IN MATH.
SUCCESS FOR LIFE.**

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
- ✓ 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.

**BUILT FOR LEARNING.
DESIGNED FOR SUCCESS.**



Builds Confidence Through Practice



Strengthens Critical Thinking & Problem Solving



Encourages Independent Learning



Prepares Students for Test Day Success