

9

$$256 \div 8 = 32$$



$$48 \times 7 = 336$$

Utah RISE

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 Utah RISE Grade 4 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Nine complete 30-question Grade 4 practice rounds for RISE, built around red-rock arches, mountain air, and exact fraction work, with answer keys and clear explanations for every item.

Jay Daie and Reza Nazari



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Welcome, Utah Math Explorer!

Nine steady rounds on the Beehive State math route

This book gives you nine full Grade 4 practice tests for RISE. Each round uses red-rock arches, mountain air, and exact fraction work to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

Utah 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 Utah RISE 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 Beehive 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 RISE 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.

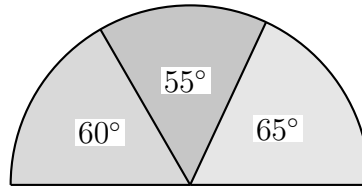


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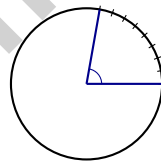
- 1) Look at the pie chart diagram. Three slices have angles of 65° , 55° , and 60° .



What is the combined angle measure of these three slices?

- A. 120° C. 145°
 B. 180° D. 200°
- 2) 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. $\frac{10}{20}$



3)

Look at the angle shown. It is marked from 0° to 80° . Write the measure of the angle.



4) Which number is the smallest?

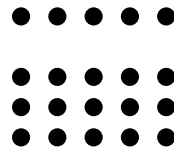
A. 0.88

C. 0.80

B. 0.08

D. 0.82

5 apples



5)

3 times as many

Priya picked 5 apples. Her sister picked 3 times as many apples. How many apples did her sister pick?

A. 8

C. 20

B. 12

D. 15

6) Ms. Kumar has 1,638 pencils to share equally among 7 students. How many pencils does each student receive?

7) Noah bought $\frac{8}{10}$ pound of strawberries and $\frac{15}{100}$ pound of blueberries. How many pounds of berries did he buy in total?

A. $\frac{23}{110}$ pound

C. $\frac{95}{100}$ pound

B. $\frac{8}{15}$ pound

D. $\frac{23}{100}$ pound



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- 8) What do you call two angles that share a vertex and their sides form two straight lines?
- A. Supplementary angles C. Adjacent angles
 B. Vertical angles D. Right angles
- 9) Amir needs 45 grams of butter for a recipe. He has 60 grams. How much extra butter does he have?
- A. 15 grams C. 60 grams
 B. 45 grams D. 105 grams
- 10) A running path is 4 kilometers long. How many meters is this?
- A. 40 C. 4,000
 B. 400 D. 40,000
- 11) A rectangle has a length of 7 cm and a width of 5 cm. What is its area?
- A. 35 sq cm C. 12 sq cm
 B. 24 sq cm D. 49 sq cm
- 12) Look at the place-value chart below. What is the value of the digit in the tens place?

Thousands	Hundreds	Tens	Ones
2	3	7	4

- A. 7 C. 700
 B. 7,000 D. 70



1) What is $34,567 + 12,321$?

A. 46,888

C. 47,888

B. 46,788

D. 46,978

2) Which choice shows the correct long division answer for $1,953 \div 3$?

A. 651

C. 641

B. 631

D. 661

3) A pizza box is a rectangle with a length of 14 inches and a width of 14 inches. What is the area of the box?

A. 196 sq in

C. 56 sq in

B. 228 sq in

D. 28 sq in

4) Noah bought a chocolate bar divided into 10 equal pieces. He ate 7 pieces. Which shows how much he ate as a sum of unit fractions?

A. $\frac{7}{10}$

C. $\frac{1}{7} + \frac{1}{7} + \frac{1}{7}$

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

D. $\frac{7}{7}$

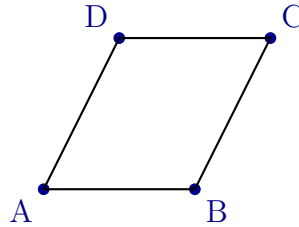
5) In the number 4,726, what is the value of the digit 7?



6) Is 19 prime or composite?

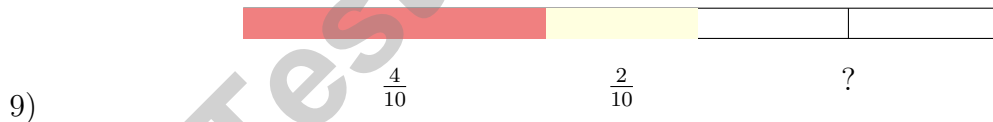
- A. Both C. Neither
 B. Composite D. Prime

7) How many vertices are shown in this figure?



- A. 2 vertices C. 4 vertices
 B. 3 vertices D. 5 vertices
- 8) A factory packs 144 toys into crates. Each crate holds 12 toys. How many crates are full? If workers find 9 more toys to pack, how many crates total are needed?

- A. 12 full crates, 12 total needed C. 11 full crates, 12 total needed
 B. 144 crates, 13 total D. 12 full crates, 13 total needed



A number line from 0 to 1 shows $\frac{4}{10}$ in red and $\frac{2}{10}$ in yellow. What fraction is unmarked?

- A. $\frac{4}{10}$ C. $\frac{6}{10}$
 B. $\frac{2}{10}$ D. $\frac{8}{10}$



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- 1) Three angles meet at a point. The first angle measures 55° and the second angle measures 40° . If all three angles together form a straight angle of 180° , what is the measure of the third angle?
- A. 95° C. 15°
 B. 85° D. 110°
- 2) Write the number 12,405 in word form.
- A. Twelve thousand, four hundred fifty C. One hundred twenty thousand, four hundred five
 B. Twelve thousand, forty-five D. Twelve thousand, four hundred five
- 3) Marcus has 28 birthday candles. Marcus has 7 times as many candles as Sylvio. How many candles does Sylvio have?
- A. 35 C. 21
 B. 7 D. 4
- 4) What is $4,205 \div 5$?
- A. 841 C. 821
 B. 831 D. 851
- 5) Which shows $\frac{4}{10}$ as a sum of unit fractions?
- A. $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$ C. $\frac{4}{4}$
 B. $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$ D. $\frac{1}{10} + \frac{3}{10}$



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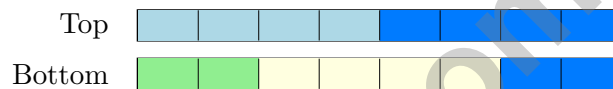
6) Noah baked cookies and ate $\frac{2}{6}$ of them. His sister ate $\frac{3}{6}$. How many cookies were eaten?

- A. $\frac{5}{12}$ of the cookies
 B. $\frac{5}{6}$ of the cookies
 C. $\frac{1}{6}$ of the cookies
 D. All cookies

7) Which two fractions are both equivalent to $\frac{1}{5}$?

- A. $\frac{2}{10}$ and $\frac{20}{100}$
 B. $\frac{3}{10}$ and $\frac{30}{100}$
 C. $\frac{2}{10}$ and $\frac{30}{100}$
 D. $\frac{1}{10}$ and $\frac{10}{100}$

8) A student draws two bars showing $\frac{8}{8}$:



Which decomposition does the top bar show?

- A. $\frac{4}{8} + \frac{4}{8}$
 B. $\frac{2}{8} + \frac{2}{8} + \frac{2}{8} + \frac{2}{8}$
 C. $\frac{1}{8} + \frac{7}{8}$
 D. $\frac{3}{8} + \frac{5}{8}$

9) A school has 4 classrooms. Each classroom has 28 students. The principal needs to divide all students into groups of 7 for a field trip. How many groups will there be?

- A. 7
 B. 32
 C. 4
 D. 16

10) What is $6 \times \frac{1}{3}$?

- A. $\frac{1}{18}$
 B. $\frac{6}{3}$
 C. $\frac{2}{3}$
 D. $\frac{3}{6}$



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.MD.7) The pie chart shows three slices. Add their angle measures: $65^\circ + 55^\circ + 60^\circ = 180^\circ$.
- 2) **Choice A is correct.** (4.NF.3) The ribbon was cut, so we subtract the cut part from the total. $\frac{7}{10} - \frac{3}{10} = \frac{4}{10}$ meter of ribbon left.
- 3) **The correct answer is 80.** (4.MD.5) The angle marked from 0° to 80° measures 80° .
- 4) **Choice B is correct.** (4.NF.5) 0.08 has 0 tenths, while all the others have 8 tenths. Since $0 < 8$, 0.08 is the smallest.
- 5) **Choice D is correct.** (4.OA.2) The counter diagram shows 3 rows of 5 apples—that's "3 times as many." Multiply: $3 \times 5 = 15$ apples.
- 6) **The correct answer is 234.** (4.NBT.6) Use long division: $16 \div 7 = 2$ r2, bring down the 3 to get $23 \div 7 = 3$ r2, bring down the 8 to get $28 \div 7 = 4$. Each student gets **234** pencils.
- 7) **Choice C is correct.** (4.NF.5) Convert the strawberries: $\frac{8}{10} = \frac{80}{100}$. Now add: $\frac{80}{100} + \frac{15}{100} = \frac{95}{100}$ pound.
- 8) **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!
- 9) **Choice A is correct.** (4.MD.2) Amir has 60 grams of butter but only needs 45 grams. Subtract: $60 - 45 = 15$ grams. He has **15** grams extra.
- 10) **Choice C is correct.** (4.MD.1) Since 1 kilometer = 1,000 meters, multiply: $4 \times 1,000 = 4,000$ m. The answer is **4,000** m.
- 11) **Choice A is correct.** (4.MD.3) Area = $7 \times 5 = 35$ sq cm.
- 12) **Choice D is correct.** (4.NBT.1) Looking at the chart, the digit in the tens place is 7. Its value is $7 \times 10 = 70$. ✓
- 13) **Choice A is correct.** (4.NF.3) Count the shaded squares. Light: 4 squares out of 16. Dark: 8 squares. Together: $4 + 8 = 12$, so $\frac{4}{16} + \frac{8}{16} = \frac{12}{16}$. ✓
- 14) **Choice C is correct.** (4.NF.3) Looking at the bar, it has 3 equal parts with 2 shaded. So the shaded fraction is $\frac{2}{3}$. As a sum of unit fractions: $\frac{2}{3} = \frac{1}{3} + \frac{1}{3}$ (two copies of the unit $\frac{1}{3}$). ✓
- 15) **Choice B is correct.** (4.NF.4) On the number line, we make 2 jumps of $\frac{3}{4}$ each, landing at $\frac{6}{4} = 1\frac{1}{2}$. So $2 \times \frac{3}{4} = 1\frac{1}{2}$. The answer is $1\frac{1}{2}$.
- 16) **Choice A is correct.** (4.NF.3) When subtracting with like denominators, just subtract the numerators: $8 - 5 = 3$. Answer: $\frac{3}{10}$.
- 17) **Choice C is correct.** (4.NF.4) Count the shaded parts: 4 parts are shaded. Count the equal parts: 5 total parts. So the shaded fraction is $4 \times \frac{1}{5} = \frac{4}{5}$.
- 18) **The correct answer is A, D.** (4.NBT.4) A: In $4,567 + 2,456$, since $7 + 6 = 13$, we regroup in ones ✓. B: $5,000 - 1,234$ requires regrouping ×. C: In $6,234 + 1,567$, we write 2 in tens, not 0 ×. D: In $8,000 - 2,345$, we must regroup across zeros ✓. E: False ×. Correct: A and D.
- 19) **Choice D is correct.** (4.NBT.5) Decompose 289: $9 \times (200 + 80 + 9) = 1800 + 720 + 81 = 2601$.
- 20) **The correct answer is 75.** (4.OA.3) Equal rows means multiply: 5 rows \times 15 plants = **75** plants.
- 21) **Choice D is correct.** (4.NBT.2) All share the same ten-thousands and thousands. Hundreds: $3 > 2$, $3 > 0$. So 10,302 is greatest ✓
- 22) **Choice A is correct.** (4.G.2) The purple arrows indicate which sides are parallel. The arrows on the top and bottom sides show they are parallel to each other. The answer is **A**.
- 23) **Choice A is correct.** (4.MD.6) This angle measures about 70° . When we round to the nearest 10 degrees, it stays at 70° because 70° is right at the mark. The answer is **70** degrees.
- 24) **Choice D is correct.** (4.OA.4) Walk the rainbow! The pairs that multiply to 36 are (1, 36), (2, 18), (3, 12), (4, 9), (6, 6). Notice (6, 6) is special—it's a "square" pair where both factors are the same. Count: **5** pairs.
- 25) **Choice A is correct.** (4.MD.5) The diagram shows an angle between a downward ray and a diagonal ray. The measure is 45° .
- 26) **Choice D is correct.** (4.NF.5) The number line marks tenths: 0.2, 0.4, 0.6, 0.8. The decimal 0.8 lands on the fourth mark, which is at position Q.



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

Jay Daie

Your Math Trainer

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