

6

Washington

Smarter Balanced

GRADE 3

MATH

PRACTICE TESTS

Standards-Aligned Practice with
Review, Answer Keys, and Explanations



6 Full-Length
Practice Tests



Detailed Answer Keys
and Explanations



Master Skills.
Boost Scores.
Succeed!

6 Washington Smarter Balanced Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Six complete 30-question practice labs for Grade 3 math: operations, fractions, measurement, data, area, shapes, answer keys, and clear explanations for every item.

Jay Daie and Reza Nazari



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Welcome to the Six Skill Labs

Six full tests, six focused resets, and a stronger Grade 3 problem solver



Notice the pattern. Choose a tool. Explain the answer.

To the Grade 3 Math Builder

This book gives you six practice labs for the Washington Smarter Balanced. Each lab is a complete 30-question test, so students can practice accuracy, stamina, and clear mathematical thinking.

Washington brings rainforest paths, mountain peaks, ferry routes, and apple orchards. Strong math uses that same care: read the task, select a strategy, build the solution, and keep a clear plan through changing conditions.

Decode

Find the question, the units, and the useful numbers.

Design

Use an equation, array, number line, graph, or sketch.

Confirm

Make sure the answer matches the question.

Six-lab promise: I will work with patience, show useful thinking, and treat corrections as part of learning.

How to Use This Book

A six-lab routine for steady Grade 3 growth

Use one practice lab at a time. The goal is not only to finish more pages. The goal is to finish, review, repair, and bring a smarter habit to the next test. For Washington students, each lab is a short route through rainforest paths, mountain peaks, ferry routes, and apple orchards: steady, alert, and ready for the next clue.

1. **Warm up.** Skim the reference materials and remind yourself of common tools.
2. **Take one test.** Work steadily and mark problems that need a second look.
3. **Check answers.** Use the compact answer keys first.
4. **Read explanations.** Study missed items and any lucky guesses.
5. **Redo two problems.** Rewrite the work cleanly without peeking.
6. **Set the next lab goal.** Choose one skill or habit to improve.

Best review habit: A mistake is most useful when you can say why it happened and what you will do differently next time.



What Is Inside?

Six complete practice tests with review support

Part	What You Do	Why It Helps
Practice Tests 1–6	Solve six different 30-question tests.	Build stamina and see Grade 3 skills mixed together.
Answer Keys	Check each answer in compact boxes.	Find mistakes quickly without losing your place.
Explanations	Read why each answer works.	Turn missed items into a clear next step.
Standards Reference	See how Washington Grade 3 standards connect to practice.	Understand the skills behind the questions.

Each test has 26 multiple-choice questions, 1 select-all question, and 3 open-ended questions. This gives students practice with quick decisions, careful reading, and short written math answers for the Washington Smarter Balanced path.



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5) $\frac{2}{3} = \frac{?}{6}$. What is the missing numerator?

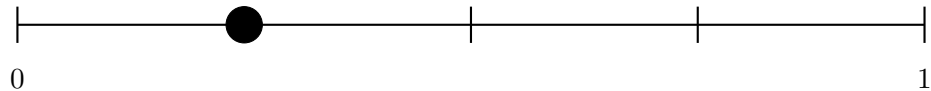
A. 3

C. 5

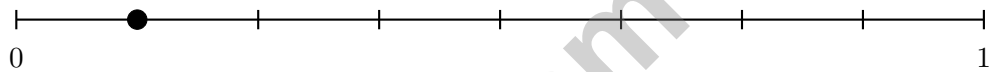
B. 4

D. 6

6) A number line from 0 to 1 has two unlabeled points. Point X is at the first tick of a 4-part line. Point Y is at the first tick of an 8-part line. Which is farther from 0?



Point X



Point Y

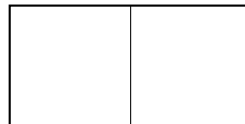
A. Point X

C. They are equidistant

B. Point Y

D. Cannot be determined

7) A rectangle is divided into equal parts. The fraction of one part is $\frac{1}{2}$. How many equal parts is the rectangle divided into?



A. 1 part

C. 3 parts

B. 2 parts

D. 4 parts



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8) Noah marks fractions on a number line from 0 to 2 divided into eighths. He marks $\frac{8}{8}$ and $\frac{16}{8}$. Which is larger?

- A. They are equal
 B. $\frac{16}{8}$
 C. $\frac{8}{8}$
 D. Neither; they are not on the line

9) Which split could show $6 \times (4 + 3) = (6 \times 4) + (6 \times 3)$?

- A. Two rectangles share a 6-unit side; the other sides are 4 and 3
 B. Two rectangles have no matching side lengths
 C. One rectangle is not split into parts
 D. One rectangle is split into three unrelated parts

10) Lily's sandbox is a square with sides of 5 feet. How many square feet is the sandbox?

- A. 10 sq ft
 B. 20 sq ft
 C. 25 sq ft
 D. 30 sq ft

11) What number makes the equation true?

$$30 \div 5 = \square$$

- A. 5
 B. 8
 C. 7
 D. 6

12) A science class measures the mass of four objects. Which is the lightest?

Object	Mass
Pencil	5 g
Eraser	10 g
Marble	7 g

- A. Pencil
 B. Eraser
 C. Marble
 D. Pencil and Marble



1) A park is shaped like a rectangle. It is 10 feet long and 8 feet wide. How many square feet is the park?

- A. 18 square feet C. 80 square feet
 B. 36 square feet D. 60 square feet

2) Noah buys 2 toy cars. Each car costs \$8. How much money does Noah spend?

- A. \$6 C. \$18
 B. \$10 D. \$16

3) A fish tank holds 12 liters. Ava drains 5000 mL. How many liters of water remain?

- A. 5 L C. 12 L
 B. 7 L D. 17 L

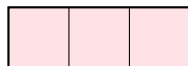
4) You need to multiply 4×70 . Which shows a strategy you could use?

- A. $4 + 7 + 10 = 21$ C. $4 + 70 = 74$
 B. $(4 \times 7) \times 10 = 28 \times 10 = 280$ D. $(4 + 7) \times 10 = 110$

5) What is 9×2 ?

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

6)

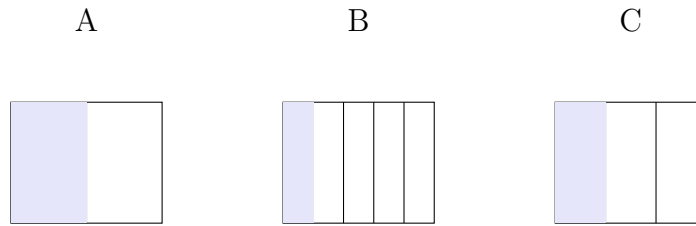


What is the area of this rectangle in unit squares?

- A. 2 square units C. 4 square units
 B. 3 square units D. 5 square units



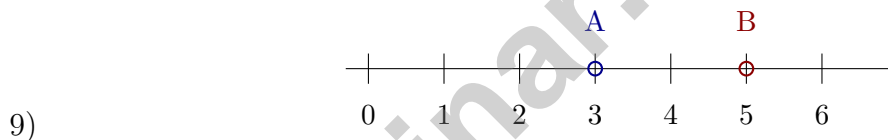
7) Which picture shows $\frac{1}{2}$ shaded?



- A. Picture A C. Picture C
 B. Picture B D. None of these

8) A rectangle has length 4 units and width 3 units. There are 4 rows with 3 unit squares in each row. Find the area by adding: $3 + 3 + 3 + 3 = ?$

- A. 7 sq units C. 12 sq units
 B. 9 sq units D. 10 sq units



The number line from 0 to 6 has points A at 3 and B at 5. Write A and B as fractions of the total distance.

- A. $A = \frac{1}{2}, B = \frac{5}{6}$ C. $A = \frac{6}{3}, B = \frac{6}{5}$
 B. $A = \frac{3}{6}, B = \frac{6}{5}$ D. $A = \frac{3}{6}, B = \frac{5}{6}$

10) A teacher has 40 pencils. She gives them equally to 8 students. How many pencils does each student get?



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1) A rectangle has area 20 square feet. Its length is 5 feet. What is its width?

A. 3 feet

C. 5 feet

B. 4 feet

D. 15 feet

2) Maya buys 7 packs of stickers. Each pack has 30 stickers. How many stickers does Maya buy?

3) Ava cut a candy bar into thirds. She has $\frac{15}{3}$ pieces. How many whole candy bars did she start with?

A. 3

C. 15

B. 5

D. 10

4) A number line from 0 to 1 is divided into 3 equal parts. The unit fraction is $\frac{1}{3}$. Where is the second tick from 0?

A. $\frac{1}{3}$ (the unit fraction)

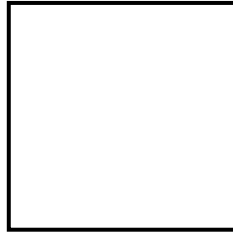
C. $\frac{1}{6}$

B. $\frac{2}{3}$ (two unit fractions)

D. $\frac{3}{3}$



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3 in

5)

This is a square with side 3 inches. Find its perimeter.

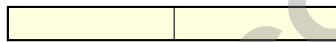
A. 9 in

C. 12 in

B. 15 in

D. 18 in

6) Which fraction is equivalent to $\frac{4}{8}$?



$\frac{1}{2}$



$\frac{4}{8}$

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

C. $\frac{3}{8}$

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

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

7) Which is a correct way to find 7×6 using a multiplication fact you know?

A. Use $6 \times 6 = 36$ and add one more 6

C. Use $8 \times 6 = 48$ and subtract one 8

B. Use $5 \times 6 = 30$ and add one more 6

D. Add $7 + 6$



Practice Test Answer Keys

How to use this section with a Grade 3 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 A is correct.** **(3.NBT.A.1)** The tens digit is 3. Since $3 < 5$, round down: 137 rounds to 100.
- 2) **Choice B is correct.** **(3.NF.A.1)** Sam eats $\frac{1}{4}$ and Mia eats $\frac{1}{4}$. Together: $\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$ is eaten, so $\frac{2}{4}$ remains.
- 3) **Choice B is correct.** **(3.MD.C.5a)** The grid is $5 \times 2 = 10$ unit squares = 10 square units.
- 4) **Choice C is correct.** **(3.NF.A.3d)** The green dot is halfway between $\frac{1}{4}$ and $\frac{1}{2}$, so it is at $\frac{3}{8}$. This means $\frac{1}{4} < \frac{3}{8} < \frac{1}{2}$.
- 5) **Choice B is correct.** **(3.NF.A.3b)** The denominator was multiplied by 2 (from 3 to 6). Multiply the numerator by 2: $2 \times 2 = 4$. So $\frac{2}{3} = \frac{4}{6}$.
- 6) **Choice A is correct.** **(3.NF.A.2)** Point X is at $\frac{1}{4}$, while Point Y is at $\frac{1}{8}$. Since $\frac{1}{4} = \frac{2}{8}$, Point X is farther from 0.
- 7) **Choice B is correct.** **(3.G.A.2)** If one part is $\frac{1}{2}$, the rectangle is divided into 2 equal parts.
- 8) **Choice B is correct.** **(3.NF.A.2b)** $\frac{8}{8} = 1$ and $\frac{16}{8} = 2$. Since $2 > 1$, $\frac{16}{8}$ is larger.
- 9) **Choice A is correct.** **(3.MD.C.7c)** Both smaller rectangles need the same 6-unit side. Then the other sides, 4 and 3, join to make the full rectangle.
- 10) **Choice C is correct.** **(3.MD.C.6)** Area of a square = $5 \times 5 = 25$ square feet.
- 11) **Choice D is correct.** **(3.OA.A.4)** Think: $6 \times 5 = 30$, so $30 \div 5 = 6$.
- 12) **Choice A is correct.** **(3.MD.A.2)** 5 g is the smallest (lightest) mass.
- 13) **Choices A and C are correct.** **(3.MD.C.7b)** To find rectangle area, multiply length by width. Here, $6 \times 9 = 54$ square meters. Adding the sides gives perimeter, not area.
- 14) **The correct answer is $\frac{2}{4}$.** **(3.NF.A.3)** $\frac{2}{4}$ shows the same amount as $\frac{1}{2}$.
- 15) **Choice D is correct.** **(3.OA.A.2)** This is measurement division: How many groups of 10 fit in 30? $30 \div 10 = 3$.
- 16) **Choice C is correct.** **(3.NF.A.3a)** $\frac{3}{6} = \frac{1}{2}$ because both represent one-half of the ribbon.
- 17) **Choice B is correct.** **(3.NF.A.3c)** Any whole number n equals $\frac{n}{1}$. So $6 = \frac{6}{1}$.
- 18) **Choice B is correct.** **(3.NF.A.2a)** Six tick marks create five equal segments. The unit fraction is $\frac{1}{5}$.
- 19) **Choice D is correct.** **(3.OA.B.6)** $30 \div 5 = \square$ means $\square \times 5 = 30$. Since $6 \times 5 = 30$, there are 6 cookies in each bag.
- 20) **Choice D is correct.** **(3.OA.A.1)** 8 batches with 3 eggs each means 8 groups of 3. So $8 \times 3 = 24$ eggs.
- 21) **Choice B is correct.** **(3.OA.D.8)** Step 1: Divide: $48 \div 6 = 8$ students per class. Step 2: Add new students: $8 + 4 = 12$ students in that class. (Choice A is step 1 only.)
- 22) **Choice C is correct.** **(3.NBT.A.3)** Multiply $6 \times 4 = 24$, then multiply by 10 to get 240: $6 \times 40 = 24 \times 10 = 240$. You decompose 40 as 4×10 , then use the associative property.
- 23) **The correct answer is 24.** **(3.OA.B.5)** $(2 \times 3) \times 4 = 6 \times 4 = 24$.
- 24) **Choice A is correct.** **(3.OA.A.3)** Divide: $36 \div 4 = 9$ pounds per animal.
- 25) **Choice A is correct.** **(3.MD.A.1)** 4 : 00 to 4 : 40 is 40 minutes.
- 26) **Choice D is correct.** **(3.G.A.1)** A quadrilateral has 4 vertices (corners), one at each place where two sides meet.
- 27) **Choice D is correct.** **(3.NBT.A.2)** Round 268 to the nearest hundred: 300 (since $268 > 250$). Round 305 to the nearest hundred: 300. Estimate: $300 + 300 = 600$ miles. (Exact answer: 573 miles.)
- 28) **The correct answer is 2 X's.** **(3.MD.B.4)** Two leaves measured exactly $2\frac{1}{4}$ inches, so there would be 2 X's above the $2\frac{1}{4}$ mark.
- 29) **Choice D is correct.** **(3.OA.C.7)** $7 \times 5 = 35$. You can use the related division: $35 \div 5 = 7$.
- 30) **Choice D is correct.** **(3.OA.D.9)** Multiples of 4 follow the pattern 4, 8, 12, 16, 20, increasing by 4 each time.

Practice Test 2 Answers and Explanations



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◇ You trained hard! 6 full practice tests is real practice. Your math game is way better now than when you started. ◇

★ **Coach's truth:** kids who practice get better. You practiced. You got better. That's how it works!

★

Your Game Stats

- **Energy:** HIGH! You can finish a long test.
- **Smart Plays:** You know lots of strategies.
- **Calm Head:** You stay cool with hard problems.
- **Game-Day Ready:** You feel strong and prepared.

Coach's tip: the night before the test, get good sleep. Eat a good breakfast. Bring a sharp pencil. Trust your training!

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

Jay Daie

Your Math Coach

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This **Grade 3 Math Practice Tests** book is the perfect companion for students who want to strengthen their math skills and excel in school. With **6** full-length practice tests designed to reflect real test formats, students get the practice they need to understand key concepts, build problem-solving skills, and tackle any challenge with confidence.

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