

7

Washington

Smarter Balanced

Grade 3 MATH

PRACTICE TESTS

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



7 Full-Length
Practice Tests



Standards-Aligned
Math Practice



Detailed Answer Keys
and Explanations



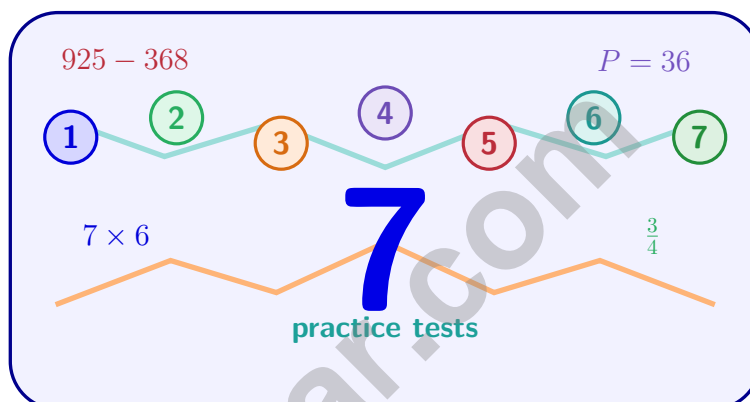
Build Confidence.
Achieve Success.

PREPARE
PRACTICE
SUCCEED



7 Washington Smarter Balanced Grade 3 Math Practice Tests

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



Seven complete 30-question practice trails 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 Seven Math Trails

Seven full tests, seven fresh chances, and one braver Grade 3 thinker



Read the trail. Mark the clues. Solve with care.

To the Grade 3 Math Trail Leader

This book gives you seven complete practice trails for the Washington Smarter Balanced. Each trail is a full 30-question test, so students can practice accuracy, stamina, and clear explanations over time.

Washington has rainforest paths, mountain peaks, ferry routes, apple orchards, and steady classroom focus, where careful steps matter. Strong math follows that same path: notice the question, choose a tool, show the work, and keep a clear plan through changing conditions.

Scout

Find what the problem is asking before you calculate.

Solve

Pick an equation, model, array, graph, or number line.

Prove

Check the answer and explain the thinking clearly.

Seven-trail promise: I will work with patience, use my scratch space wisely, and let every correction make my next test stronger.

How to Use This Book

A seven-trail routine for steady Grade 3 growth

Use one practice trail at a time. The goal is not to rush through more pages. The goal is to finish, check, repair, and bring a stronger habit to the next test. For Washington students, each trail moves through rainforest paths, mountain peaks, ferry routes, apple orchards, and steady classroom focus: steady, alert, and ready for the next clue.

1. **Preview the tools.** Skim the reference page before each test.
2. **Take one test.** Work steadily and mark problems that need another look.
3. **Check the key.** Use the compact answer boxes first.
4. **Study explanations.** Read missed items and lucky guesses.
5. **Redo three problems.** Rewrite the work cleanly without copying.
6. **Name one habit.** Choose a focus such as labels, facts, fractions, or checking.
7. **Start the next trail.** Bring that habit into the next full test.

Best review habit: A missed problem is a trail marker. It shows where to slow down, look again, and choose a better step.



What Is Inside?

Seven complete practice tests with review support

Part	What You Do	Why It Helps
Practice Tests 1–7	Solve seven different 30-question tests.	Build stamina and see Grade 3 skills mixed together.
Reference Materials	Review measurement and time facts before each test.	Keep common tools close without turning pages backward.
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.

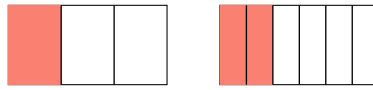


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For more practice
& answers

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1) Look at the shaded rectangles. Are they equivalent?



Rectangle A: $\frac{1}{3}$ Rectangle B: $\frac{2}{6}$

- A. Yes, they are equivalent C. No, Rectangle B is larger
 B. No, Rectangle A is larger D. They cannot be compared

2) How many whole units does the shaded bar show?



- A. 1 C. 6
 B. 3 D. 2
- 3) In a soccer game, Team A scores 4 goals in the first half and 5 goals in the second half. Team B scores 6 goals total. Let g be how many more goals Team A scored. Which equation is correct?
- A. $g = (4 + 5) - 6$ C. $g = 4 + (5 - 6)$
 B. $g = 4 + 5 - 6$ D. $g = 4 + 5 + 6$

4) How many unit squares fit along the length of a 7 cm side?

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

5) Ben is covering a counter with square tiles. The counter is 8 tiles long and 3 tiles wide. How many tiles does he need?

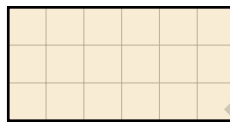
- A. 11 tiles C. 16 tiles
 B. 24 tiles D. 5 tiles



- 6) A picture graph shows apples in baskets. The key says each apple symbol represents 5 apples. Basket A has 2 symbols and Basket B has 4 symbols. How many apples are there in total in both baskets?



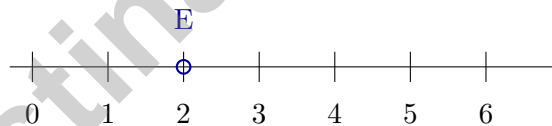
- 7) This grid shows a shape made of unit squares.



The area is how many square units?

- A. 18 sq units C. 9 sq units
 B. 15 sq units D. 20 sq units

8)



The number line from 0 to 6 has point E at 2. What fraction of the distance from 0 to 6 is point E ?

- A. $\frac{1}{4}$ C. $\frac{1}{2}$
 B. $\frac{2}{6}$ D. $\frac{2}{2}$



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9) Ava has 40 strawberries. She puts 5 strawberries in each cup. How many cups does she fill?

A. 8

C. 9

B. 7

D. 35

10) Noah measures the mass of three books. The first weighs 300 g, the second weighs 400 g, and the third weighs 350 g. If he carries all three books, what is the total mass in grams?

11) Round 283 to the nearest 10.

A. 280

C. 290

B. 283

D. 300

12) Mia buys stickers in packs of 10. She buys 1 pack, then 2 packs, then 3 packs, then 4 packs.

How many stickers does she have with 4 packs?

A. 10

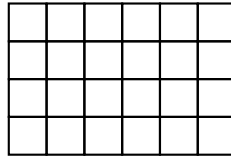
C. 30

B. 20

D. 40

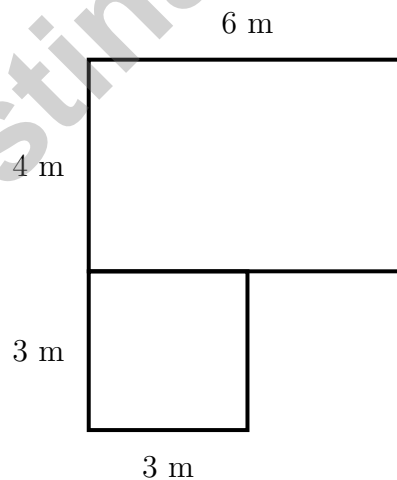


- 4) A rectangle is made of 4 rows of unit squares. The total area is 24 square units. Look at the grid:



How many unit squares are in each row?

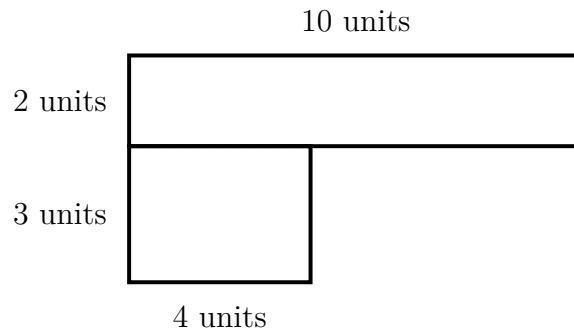
- A. 4 unit squares per row C. 6 unit squares per row
 B. 8 unit squares per row D. 12 unit squares per row
- 5) Which pair of rectangles can be tiled to show $5 \times (7 + 2) = (5 \times 7) + (5 \times 2)$?
- A. One 5×7 and one 5×2 C. One 5×9 and one 5×2
 B. One 7×5 and one 7×2 D. One 7×4 and one 2×5
- 6) Mia's bedroom floor is shaped like an L. One part is 6 m by 4 m. The other part is 3 m by 3 m. What is the total area?



- A. 24 sq m C. 33 sq m
 B. 9 sq m D. 144 sq m

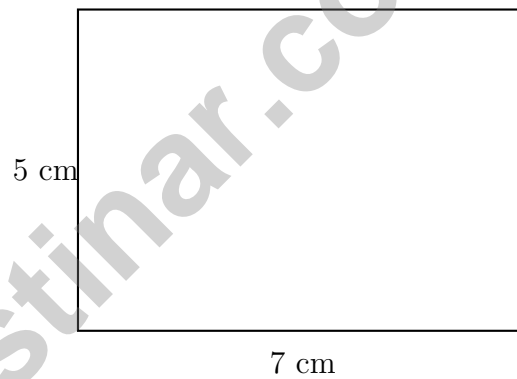


- 1) An L-shaped herb garden is marked with dashed lines. One part is 10 units by 2 units. The other is 4 units by 3 units. What is the total area?



- A. 20 sq units C. 32 sq units
 B. 12 sq units D. 240 sq units

2)



Find the area of the rectangle shown above.



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3) Lily made 5 flower pots. She put 6 flowers in each pot. What is the total number of flowers?

- A. 11 flowers (adds $5 + 6$)
- B. 35 flowers (multiplies by wrong amount)
- C. 25 flowers (confuses: 5×5 instead of 5×6)
- D. 30 flowers



Parallel

4)

The shape shows two sides that are parallel. If this is a rectangle, which other pair of sides is also parallel?

- A. The left and right sides
- B. The diagonal sides
- C. Only one pair in a rectangle
- D. No other sides are parallel
- 5) Noah has 3 groups of stickers. Each group has 4 red and 3 blue stickers. Which expanded equation finds the total?

- A. $3 \times (4 + 3) = 21$
- B. $3 \times 4 = 12$
- C. $3 + 4 + 3 = 10$
- D. $3 \times 4 + 3 \times 3 = 21$

6) A movie starts at 7 : 05 PM and lasts 95 minutes. What time does the movie end?

- A. 8 : 40 PM
- B. 8 : 25 PM
- C. 8 : 35 PM
- D. 8 : 15 PM



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

- Choice A is correct.** **(3.NF.A.3b)** Both rectangles show the same shaded amount. $\frac{1}{3} = \frac{2}{6}$ because $\frac{1 \times 2}{3 \times 2} = \frac{2}{6}$.
- Choice D is correct.** **(3.NF.A.3c)** 6 thirds means $6 \div 3 = 2$ wholes. The bar shows two whole units.
- Choice A is correct.** **(3.OA.D.8)** Step 1: Team A total: $4 + 5 = 9$ goals. Step 2: How many more than Team B: $9 - 6 = 3$ more goals. Choices A and B both work (parentheses clarify order), but A is clearer.
- Choice C is correct.** **(3.MD.C.5a)** If each unit square is 1 cm by 1 cm, then 7 unit squares of 1 cm fit along a 7 cm side.
- Choice B is correct.** **(3.MD.C.5)** Multiply length by width: $8 \times 3 = 24$ tiles.
- The correct answer is 30 apples.** **(3.MD.B.3)** Basket A: $2 \times 5 = 10$ apples. Basket B: $4 \times 5 = 20$ apples. Total: $10 + 20 = 30$ apples.
- Choice A is correct.** **(3.MD.C.6)** $6 \times 3 = 18$ unit squares.
- Choice B is correct.** **(3.NF.A.2b)** Point E at 2 on a 0-to-6 line is $\frac{2}{6} = \frac{1}{3}$ of the distance.
- Choice A is correct.** **(3.OA.A.3)** Divide: $40 \div 5 = 8$ cups.
- The correct answer is 1050 g.** **(3.MD.A.2)** Add: $300 + 400 + 350 = 1050$ g.
- Choice A is correct.** **(3.NBT.A.1)** The ones digit is 3. Since $3 < 5$, round down: 283 rounds to 280.
- Choice D is correct.** **(3.OA.D.9)** $4 \times 10 = 40$. This is skip counting by 10 four times: 10, 20, 30, 40.
- Choice A is correct.** **(3.NBT.A.2)** Ones: $2 - 5$ requires regrouping, so $12 - 5 = 7$. Tens: $3 - 1 = 2$. Hundreds: $6 - 2 = 4$. Answer: 427.
- The correct answer is $\frac{3}{8}$.** **(3.NF.A.1)** Add the numerators: $1 + 1 + 1 = 3$, so the sum is $\frac{3}{8}$.
- Choice D is correct.** **(3.MD.C.5b)** $4 \times 7 = 28$ unit square stones.
- Choices A and C are correct.** **(3.NBT.A.3)** $6 \times 40 = 240$ and $4 \times 60 = 240$. Choice B is $8 \times 20 = 160$, choice D is $3 \times 70 = 210$, and choice E is $6 \times 30 = 180$.
- Choice B is correct.** **(3.MD.C.7)** Area = $5 \times 2 = 10$ square meters. This is 5 rows of 2 unit squares (or $2 + 2 + 2 + 2 + 2 = 10$).
- Choice C is correct.** **(3.OA.C.7)** There are 5 rows with 6 objects in each row. $5 \times 6 = 30$ objects in total.
- Choice D is correct.** **(3.NF.A.2)** This number line has thirds (3 equal parts), so only fractions with denominator 3 or 1 are tick marks. $\frac{1}{4}$ would need 4 equal parts.
- Choice D is correct.** **(3.OA.A.2)** $18 \div 6 = 3$. The picture shows 6 equal groups, each with 3 items.
- Choice A is correct.** **(3.NF.A.3d)** Four fourths equals 1. Four halves equals 2. Since $1 < 2$, we have $\frac{4}{4} < \frac{4}{2}$.
- Choice B is correct.** **(3.MD.A.1)** From 3 : 20 to 3 : 55: $55 - 20 = 35$ minutes. Distractor A (off-by-5), C (over-count), D (reads 20 as just the hour).
- Choice A is correct.** **(3.MD.C.7c)** $5 \times (4 + 3) = (5 \times 4) + (5 \times 3) = 20 + 15 = 35$. Splitting the width lets us show the distributive property with area.
- Choice B is correct.** **(3.MD.C.7d)** Add the parts: $20 + 15 = 35$ square units.
- Choice C is correct.** **(3.MD.B.4)** We have $2 + ? + 1 + 1 + 1 = 9$, so $? = 4$ X's needed at $250\frac{1}{2}$ mL.
- Choice B is correct.** **(3.G.A.1)** Rectangles have opposite sides that are parallel (they never meet). Triangles have no parallel sides, and not all quadrilaterals have them.
- Choice D is correct.** **(3.OA.A.1)** 7 tables with 8 books each means 7 groups of 8. So $7 \times 8 = 56$ books.
- Choice A is correct.** **(3.OA.B.6)** This problem requires division: $24 \div 8 = \square$. We use the unknown-factor strategy: $\square \times 8 = 24$. The multiplication fact $8 \times 3 = 24$ tells us each student gets 3 crayons. We find the missing factor using multiplication.
- Choice B is correct.** **(3.NF.A.2a)** Larger denominators give smaller fractions. $\frac{1}{8} < \frac{1}{4} < \frac{1}{2}$.
- Choice D is correct.** **(3.OA.A.4)** Multiply: $7 \times 3 = 21$. Check: $21 \div 3 = 7$.



Hi, Hero!

◇ Once there was a Grade 3 student who took 7 practice tests. At first, the math was tricky. But this student kept showing up, kept trying, and kept learning. By the end, the student became a math hero. That hero is you! ◇

★ **Storytellers know:** every story has a hard middle. The hard middle is where heroes grow. You lived your hard middle. Your story ends with confidence! ★

Your Hero Toolkit

- **Brave Heart:** You try hard problems.
- **Sharp Mind:** You think carefully before you act.
- **Steady Hand:** You write neatly and check.
- **Kind Spirit:** You are patient with yourself.

Storyteller tip: on test day, remember the hero you became. The chapters before today made you stronger. Now write your best chapter!

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

Jay Daie

Your Math Storyteller

PRACTICE TODAY. MASTER TOMORROW.

This book is designed to help **Grade 3** students strengthen their math skills through focused practice and real progress.

- ✓ 7 full-length practice tests
- ✓ Aligned to Grade 3 standards
- ✓ Build confidence and achieve success
- ✓ Review, answer keys, and explanations



EACH PRACTICE TEST INCLUDES:



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Questions



Variety of
Question
Types



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Progress
Tracking



Build Skills
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Confidence

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- ✓ Geometry
- ✓ Measurement & Data
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