

+
★
10

=
Nevada
Smarter Balanced



GRADE 3

MATH

PRACTICE TESTS

- ✓ Complete Standards Review
- ✓ Skill Practice
- ✓ Word Problems and Answer Key

2 × 7 + 4



★
**PREPARE
PRACTICE
SUCCEED!**
★ ★ ★



Aligned to
Grade 3 Math
Standards



Build Confidence
and Master
Math Skills



Test-Taking
Practice for
Success



Answer Key
for Easy
Review

10 Nevada Smarter Balanced Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Ten complete 30-question Grade 3 practice rounds for Smarter Balanced, built around desert roads, bright night skies, and bold checking habits, with answer keys and clear explanations for every item.

Jay Daie and Reza Nazari



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Welcome, Nevada Math Explorer!

Ten steady rounds on the Silver State math route

This book gives you ten full Grade 3 practice tests for Smarter Balanced. Each round uses desert roads, bright night skies, and bold checking habits to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

Nevada 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 Nevada Smarter Balanced 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 Silver 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?

Ten tests, 300 questions, and a full Smarter Balanced 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.
Test 10	Final round to show growth across the whole Nevada book.
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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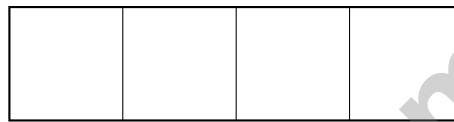
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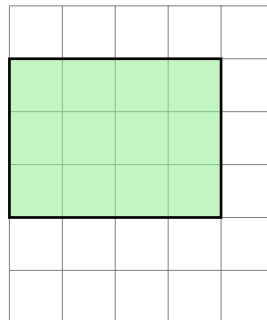
- 5) A rectangular game board is 5 inches long and 4 inches wide. What is the area of the game board?



- 6) Lily has a sandwich shaped like a rectangle. She cuts it into 4 equal pieces to share with friends. What fraction is each piece?



- A. $\frac{1}{3}$
 C. $\frac{2}{4}$
 B. $\frac{1}{4}$
 D. $\frac{4}{4}$
- 7) A soccer practice starts at 4 : 05 PM and ends at 5 : 28 PM. How long is practice?
- A. 1 hour 17 minutes
 C. 1 hour 23 minutes
 B. 1 hour 20 minutes
 D. 1 hour 30 minutes
- 8) Look at the shaded squares on the grid. Count the unit squares.



- A. 10 square units
 C. 11 square units
 B. 12 square units
 D. 13 square units



9) Subtract $604 - 327$ using the standard algorithm.

10) If you have $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$, what fraction is the total?

A. $\frac{4}{6}$
 B. $\frac{1}{6}$

C. $\frac{4}{24}$
 D. $\frac{1}{4}$

11) A teacher draws two number lines from 0 to 1. Which one shows equal partitions?



A. Line A
 B. Line B

C. Both have equal parts
 D. Neither has equal parts

12) Use fact families to solve this: $\square \times 9 = 45$. What is $45 \div 9$?

A. 4
 B. 45

C. 9
 D. 5

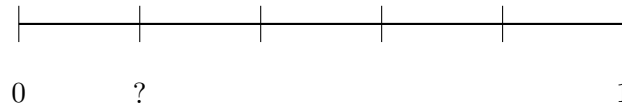
13) A restaurant has 9 tables with 4 chairs at each table. The chef adds 8 more chairs. Which of the following correctly show the total number of chairs? (Select the TWO that are correct.)

A. $(9 \times 4) + 8 = 44$
 B. $(9 + 4) + 8 = 21$
 C. $9 \times 4 + 8 = 44$
 D. $9 + 4 \times 8 = 41$
 E. $(9 + 8) \times 4 = 68$



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- 1) A number line from 0 to 1 is divided into 5 equal parts. Which shows the unit fraction?



- A. $\frac{1}{5}$
 C. $\frac{1}{6}$
 B. $\frac{1}{4}$
 D. $\frac{2}{5}$
- 2) Which shows the distributive property for $4 \times (6 + 1)$?

- A. $(4 \times 6) + (4 \times 1) = 24 + 4 = 28$
 C. $(4 + 6) \times (4 + 1) = 10 \times 5 = 50$
 B. $4 \times 7 = 28$
 D. $(4 + 6) + (4 + 1) = 14$

3)

\times	2	4	6
2	4	8	12
3	6	12	18

Which products in this table are even?

- A. Only 4 and 8
 C. All of them
 B. Only 6, 12, and 18
 D. None of them
- 4) Lily starts a project at 7 : 29 AM. She works for 1 hour and 16 minutes. What time does she finish?
- A. 8 : 35 AM
 C. 8 : 45 AM
 B. 8 : 40 AM
 D. 9 : 00 AM



1) Counting unit fractions, what do $\frac{1}{4}$, $\frac{1}{4}$, and $\frac{1}{4}$ make together?

A. $\frac{1}{12}$

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

C. $\frac{3}{1}$

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

2) Ben has one whole cookie. Which fraction represents this?

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

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

C. $\frac{1}{0}$

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

3) What is 8×8 ?



2 inches

4)

5 inches

How many unit squares fit in this rectangle?

A. 7 units

B. 9 units

C. 15 units

D. 10 units

5) If a number line from 0 to 1 is split into 3 equal parts, what fraction marks the first partition?

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

B. $\frac{1}{3}$

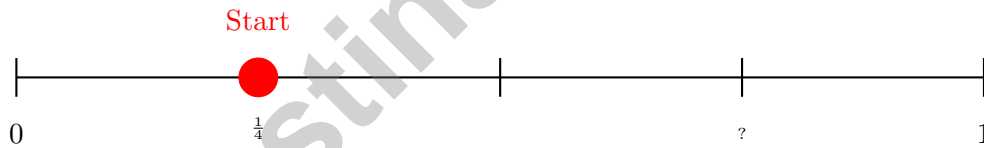
C. $\frac{1}{4}$

D. $\frac{1}{5}$



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- 6) Which shape would require 4 unit squares and has equal side lengths?
- A. A 2×2 square
- B. A 4×1 rectangle
- C. A 1×4 rectangle
- D. A 3×2 rectangle
- 7) Diego found 6 anthills. Each anthill has 9 ants. How many ants did Diego find?
- A. 72 ants
- B. 48 ants
- C. 15 ants
- D. 54 ants
- 8) A bar graph shows books checked out from the library. One bar is 4 units tall, the other is 2 units tall. Each unit represents 5 books. How many more books does the first bar show?
- A. 2
- B. 10
- C. 15
- D. 20
- 9) Start at $\frac{1}{4}$ on a number line from 0 to 1 with 4 equal parts. Move 2 parts to the right. Where do you land?



- A. $\frac{2}{4}$
- B. $\frac{3}{4}$
- C. $\frac{4}{4}$
- D. $1\frac{1}{4}$



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 C is correct.** **(3.MD.C.7d)** When a composite shape is divided into non-overlapping rectangles, the total area equals the sum of the individual rectangle areas. Here: $12 + 15 = 27$ square units.
- 2) **Choice C is correct.** **(3.MD.C.7c)** Adding the numbers instead of multiplying does not use the distributive property or find the area correctly.
- 3) **Choice D is correct.** **(3.OA.B.5)** The commutative property lets you switch factors. So $5 \times 8 = 8 \times 5 = 40$.
- 4) **Choice C is correct.** **(3.MD.B.4)** Longer than $8\frac{1}{2}$ means $9, 9\frac{1}{2}$: that is $4 + 1 = 5$ insects.
- 5) **The correct answer is 20 square inches.** **(3.MD.C.7b)** Area = length \times width, so $5 \times 4 = 20$ square inches.
- 6) **Choice B is correct.** **(3.G.A.2)** Four equal pieces means each piece is $\frac{1}{4}$ of the sandwich.
- 7) **Choice C is correct.** **(3.MD.A.1)** From 4 : 05 to 5 : 05 is 1 hour. From 5 : 05 to 5 : 28 is 23 minutes. Total: 1 hour 23 minutes.
- 8) **Choice B is correct.** **(3.MD.C.5)** The rectangle is 4 units wide and 3 units tall. $4 \times 3 = 12$ square units.
- 9) **The correct answer is 277.** **(3.NBT.A.2)** Regroup 604 as 5 hundreds, 9 tens, and 14 ones. Ones: $14 - 7 = 7$. Tens: $9 - 2 = 7$. Hundreds: $5 - 3 = 2$. Correct: 277.
- 10) **Choice A is correct.** **(3.NF.A.1)** Adding four unit fractions of $\frac{1}{6}$ gives $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \frac{4}{6}$.
- 11) **Choice B is correct.** **(3.NF.A.2a)** Line B has equal spacing between all ticks. Line A has unequal spacing.
- 12) **Choice D is correct.** **(3.OA.B.6)** Since $5 \times 9 = 45$, the missing factor is 5. In a fact family, the division $45 \div 9 = 5$ gives the same answer as the missing factor.
- 13) **Choices A and C are correct.** **(3.OA.D.8)** Multiply tables by chairs per table: $9 \times 4 = 36$. Then add: $36 + 8 = 44$. Choices A and C both correctly compute $(9 \times 4) + 8 = 44$. Choice B adds all three numbers (incorrect order). Choice D applies order of operations wrong. Choice E adds first then multiplies (wrong method).
- 14) **Choice B is correct.** **(3.MD.C.5b)** The teacher made an error. She added the side lengths ($8 + 6 = 14$) instead of counting all the unit squares inside. The correct area is 8 columns times 6 rows = $6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = 48$ square units. Adding dimensions finds perimeter, not area.
- 15) **Choice B is correct.** **(3.MD.C.7a)** Wide rectangle: $6 \times 2 = 12$ square units.
- 16) **Choice B is correct.** **(3.NF.A.2b)** $\frac{5}{6}$ means $5 \times \frac{1}{6}$, so there are 5 equal steps from 0. Distractor A: distance to 1 is $\frac{1}{6}$, which is 1 part, not 1 tick per se (ambiguous). Distractor C: false; $\frac{5}{6}$ is much closer to 1. Distractor D: false; it is at the 5th tick.
- 17) **Choice A is correct.** **(3.G.A.1)** A square is a special kind of rectangle that also has all sides equal. Every square has the properties of a rectangle (4 sides, 4 right angles), so every square is a rectangle.
- 18) **Choice C is correct.** **(3.MD.C.7)** The grid has 9 columns and 2 rows. Area = $9 \times 2 = 18$ square inches. You can also add: $9 + 9 = 18$ (two rows of nine).
- 19) **Choice C is correct.** **(3.OA.C.7)** $7 \times 10 = 70$, then $70 - 7 = 63$. The mental-math strategy helps break hard facts into easier ones.
- 20) **The correct answer is $\frac{1}{2}$.** **(3.NF.A.3d)** With the same numerator, the smaller denominator makes the larger fraction.
- 21) **Choice C is correct.** **(3.MD.B.3)** Multiply: $3 \times 5 = 15$ cookies.
- 22) **Choice B is correct.** **(3.NF.A.3a)** Pie A has $\frac{1}{4}$ left. Pie B has $\frac{2}{8}$ left. These are equivalent: $\frac{1}{4} = \frac{2}{8}$.
- 23) **Choice A is correct.** **(3.OA.A.4)** Think: $32 \div 8 = 4$. Check: $8 \times 4 = 32$.
- 24) **Choice C is correct.** **(3.MD.C.5a)** Count rows and columns: 4 units wide and 2 units tall equals $4 \times 2 = 8$ unit squares covering the rectangle with no gaps or overlaps.
- 25) **Choice D is correct.** **(3.OA.A.3)** There are 5 equal groups of 4 coins. Multiply: $5 \times 4 = 20$ coins.
- 26) **Choice D is correct.** **(3.OA.A.2)** $12 \div 3$ asks “how many in each group when 12 items are shared equally among 3 groups?” Each group gets 4 items.
- 27) **Choice C is correct.** **(3.MD.C.6)** 4 units wide \times 6 units tall = 24 unit squares.
- 28) **Choice B is correct.** **(3.NF.A.3)** Both bars show the same amount. $\frac{2}{3}$ and $\frac{4}{6}$ are equivalent.
- 29) **Choice D is correct.** **(3.NF.A.3c)** Circle A is completely shaded = $\frac{1}{1} = 1$ whole. Circle B is only half shaded.



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Star Player Pep Talk

Hi, Star Player!

◇ 10 practice tests. Every one of them was a chance to grow. You took every chance. That's why you're a math star today! ◇

★ **Star players know:** confidence comes from practice. You can't fake it. You build it. You built yours over 10 tests. It's real now! ★

Star Player Stats

- **Practice:** OFF THE CHARTS!
- **Skills:** BROAD! You can do many problem types.
- **Toughness:** HIGH! You don't quit on hard problems.
- **Game Plan:** READY! You know your strategies.

Star tip: on test day, take it one play at a time. One problem. Then the next. You will earn your stars!

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

Jay Daie

Your Math Coach

PRACTICE TODAY. SUCCEED TOMORROW!

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