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10 Wisconsin Forward Exam




GRADE 3

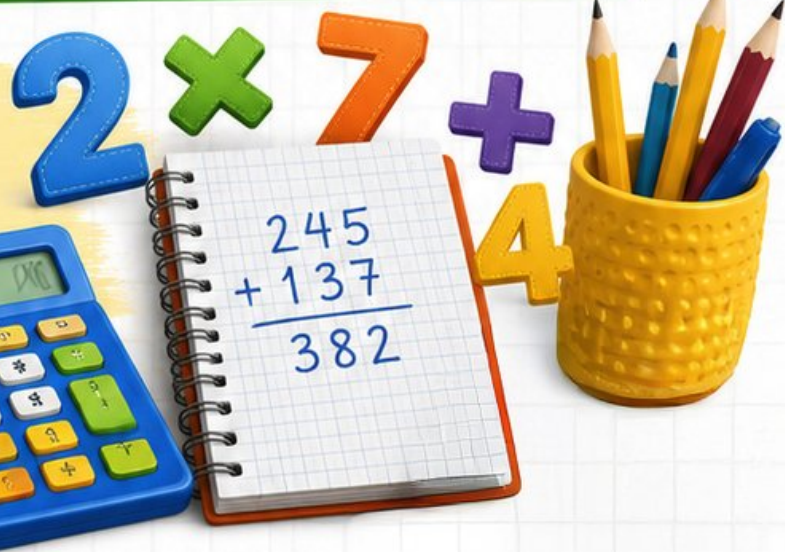
MATH



PRACTICE TESTS



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



★ ★ ★
**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 Wisconsin Forward Exam Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Ten complete 30-question Grade 3 practice rounds for Forward Exam, built around lake shores, dairy farms, and dependable fact fluency, with answer keys and clear explanations for every item.

Jay Daie and Reza Nazari



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Welcome, Wisconsin Math Explorer!

Ten steady rounds on the Badger State math route

This book gives you ten full Grade 3 practice tests for Forward Exam. Each round uses lake shores, dairy farms, and dependable fact fluency to keep practice memorable while you read carefully, choose a strategy, show work, and check the answer.

Wisconsin 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 Wisconsin Forward Exam 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 Badger 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 Forward Exam 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 Wisconsin 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.



Scan me!
For more practice
& answers

Table of Contents

| | | |
|---|-------|------------|
| ★ Practice Test 1 | _____ | 18 |
| ★ Practice Test 2 | _____ | 31 |
| ★ Practice Test 3 | _____ | 44 |
| ★ Practice Test 4 | _____ | 56 |
| ★ Practice Test 5 | _____ | 68 |
| ★ Practice Test 6 | _____ | 80 |
| ★ Practice Test 7 | _____ | 91 |
| ★ Practice Test 8 | _____ | 102 |
| ★ Practice Test 9 | _____ | 113 |
| ★ Practice Test 10 | _____ | 127 |
| Practice Test Answer Keys | _____ | 138 |
| Practice Test Answers and Explanations | _____ | 144 |

1) What number makes the equation true?

$$54 \div \square = 9$$

A. 9

C. 7

B. 8

D. 6

2) On a number line split into 4 equal parts, which tick represents $\frac{3}{4}$?



3)

5 units

What is the area of this rectangle?

A. 7 sq units

C. 12 sq units

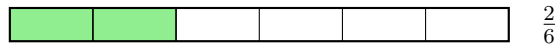
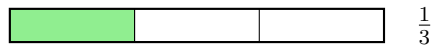
B. 10 sq units

D. 15 sq units

4) Find $5 \times (7 + 4)$.



5) Which fraction is equivalent to $\frac{1}{3}$?



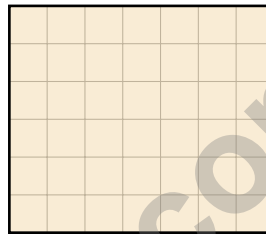
A. $\frac{2}{6}$

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

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

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

6) On a grid, a rectangle covers 6 rows and 7 columns of unit squares.



What is the area?

A. 26 sq units

C. 42 sq units

B. 36 sq units

D. 48 sq units

7) Which statement is true about the products of even and odd numbers?

A. Even \times odd is always odd

C. Even \times odd is always even

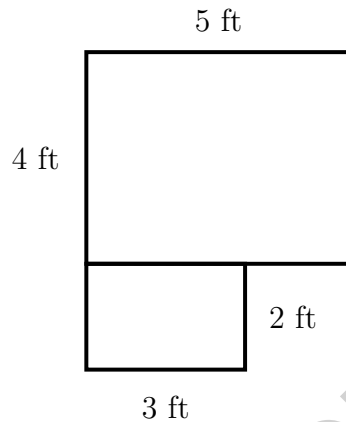
B. Even \times even is always odd

D. Odd \times odd is always even



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- 8) An L-shaped patio is shown with dashed lines dividing it into two rectangles. The first rectangle is 5 ft by 4 ft. The second is 3 ft by 2 ft. What is the total area of the patio?



- A. 26 sq ft C. 14 sq ft
 B. 20 sq ft D. 40 sq ft
- 9) A bar graph shows plants in pots. One bar is 4 units (scale: 3), another is 5 units (scale: 3). What is the total?
- A. 9 C. 15
 B. 12 D. 27
- 10) Lily needs to measure 400 grams of sugar. The scale shows 150 g so far. How many more grams does she need?
- A. 150 g C. 350 g
 B. 250 g D. 400 g



1) Which number sentence shows the commutative property of multiplication?

A. $(2 \times 3) \times 2 = 2 \times (3 \times 2)$

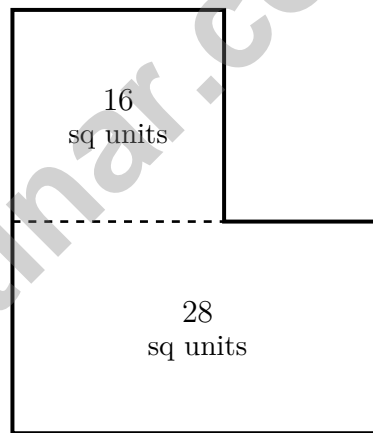
C. $2 \times 5 = 10$

B. $5 \times 4 = 20$

D. $5 \times 4 = 4 \times 5$

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

3) An L-shaped courtyard has areas of 28 sq units and 16 sq units marked. Find the total area.



A. 12 sq units

C. 56 sq units

B. 44 sq units

D. 448 sq units



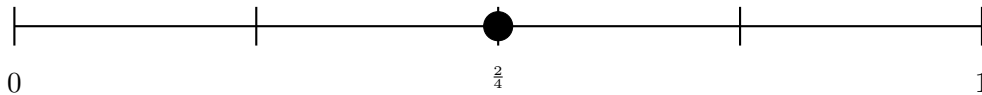
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4) Look at the two fraction strips. Which shows an equivalent fraction?



- A. Yes, both are equivalent C. The first is larger
 B. No, they are different D. The second is larger

5) On a number line from 0 to 1 with 4 equal parts, which pair names the same point?



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

6) A rectangle is covered by 4 rows of 8 unit squares. How many unit squares cover it?

- A. 12 unit squares C. 24 unit squares
 B. 32 unit squares D. 36 unit squares

7) A picture graph shows books checked out. Each book symbol is 10 books. Class A checked out 5 symbols, Class B checked out 3 symbols. How many more books did Class A check out?

- A. 2 C. 50
 B. 20 D. 80

8) What is $367 + ? = 650$? Find the missing addend.

- A. 283 C. 293
 B. 273 D. 382



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 D is correct. **3.OA.A.3** Use the inverse: $9 \times 6 = 54$, so $54 \div 6 = 9$.
- The correct answer is 3. **3.NF.A.2b** $\frac{3}{4}$ is the third tick from 0.
- Choice B is correct. **3.MD.C.7** Area = $5 \times 2 = 10$ square units.
- The correct answer is 55 square units. **M.3.MD.C.7c** $7 + 4 = 11$, and $5 \times 11 = 55$ square units.
- Choice A is correct. **3.NF.A.3** $\frac{1}{3}$ and $\frac{2}{6}$ represent the same amount.
- Choice C is correct. **3.MD.C.6** $7 \times 6 = 42$ unit squares.
- Choice C is correct. **3.OA.D.8** An even number times any other whole number is always even, because the result is a multiple of 2.
- Choice A is correct. **3.MD.C.7d** Top rectangle: $5 \times 4 = 20$ sq ft. Bottom rectangle: $3 \times 2 = 6$ sq ft. Total: $20 + 6 = 26$ sq ft.
- Choice D is correct. **3.MD.B.3** First: $4 \times 3 = 12$. Second: $5 \times 3 = 15$. Total: $12 + 15 = 27$.
- Choice B is correct. **M.3.MD.A.2** Subtract: $400 - 150 = 250$ g.
- Choice B is correct. **3.MD.C.7b** Area = length \times width = $9 \times 4 = 36$ square meters.
- Choice C is correct. **3.MD.C.5b** Count the left tall part: 3 columns and 4 rows = $4 + 4 + 4 = 12$ unit squares. Count the right bottom part: 2 columns and 2 rows = $2 + 2 = 4$ unit squares. Total: $12 + 4 = 16$ unit squares in this L-shaped figure.
- Choice C is correct. **3.MD.A.1** $4 : 07 + 18 \text{ min} = 4 : 25 \text{ PM}$.
- Choice A is correct. **3.NBT.A.2** Subtract: $300 - 145 = 155$. Ones: $0 - 5$ requires regrouping, so $10 - 5 = 5$. Tens: $9 - 4 = 5$ (after regrouping). Hundreds: $2 - 1 = 1$ (after regrouping).
- Choice A is correct. **3.G.A.2** A single vertical line through the middle divides this rectangle into 2 equal parts.
- Choices A and D are correct. **3.OA.A.1** 5×3 means “five groups of three,” giving $3 + 3 + 3 + 3 + 3 = 15$ (choice A and D are both correct). Choice C is the reverse order (commutative, also equals 15). Choice B is addition. Choice E is incorrect. Technically A, C, and D are all mathematically valid for 5×3 , but the most direct answers matching the notation are A (five groups of three) and D (the repeated addition form of five threes).
- The correct answer is 5 inches. **3.MD.D.8** $30 = 2(10) + 2w = 20 + 2w$, so $2w = 10$ and $w = 5$ in.
- Choice C is correct. **3.MD.B.4** Add all X's: $2 + 3 + 2 + 1 = 8$ pencils total.
- Choice A is correct. **3.NBT.A.3** When rounding to the nearest 10, we look at the ones digit to decide if we round up or down. The ones digit is 5, so 45 rounds to 50.
- Choice C is correct. **3.OA.C.6a** 6 baskets with 7 apples each: $6 \times 7 = 42$.
- Choice C is correct. **3.MD.C.7a** Tall rectangle: $3 \times 8 = 24$ square units. D is concatenation error.
- Choice B is correct. **3.MD.C.5a** $2 \times 4 = 8$ unit squares. Option A is 6, C is 4, D is 9.
- Choice C is correct. **3.NF.A.3a** $\frac{3}{6} = \frac{1}{2}$ because both represent one-half of the ribbon.
- Choice A is correct. **3.NF.A.1** The rectangle is divided into 4 equal parts, and 1 part is shaded. The fraction is $\frac{1}{4}$ (one-fourth). The numerator is 1 and the denominator is 4.
- Choice D is correct. **3.OA.A.2** $24 \div 6 = 4$. Divide the total marbles by the number of piles.
- Choice D is correct. **3.OA.A.3** Multiply: 8 rows \times 4 columns = 32 soldiers.
- Choice D is correct. **3.OA.B.4** By the commutative property, you can switch the order of factors. $6 \times 4 = 24$ and $4 \times 6 = 24$.
- Choice A is correct. **3.NF.A.3d** Both fractions equal one whole. Two halves and three thirds both fill the entire bar.
- Choice A is correct. **3.OA.B.5** 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 D is correct. **3.NBT.A.3** $60 = 6 \times 10$. The number bond shows that 60 can be decomposed into 6 and another factor; that factor is 10. You multiply 6×10 to get 60.



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

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