

9

Wisconsin Forward Exam

GRADE 3 MATH PRACTICE TESTS

COMPLETE STANDARDS REVIEW WITH SKILL PRACTICE,
WORD PROBLEMS, AND ANSWER KEY

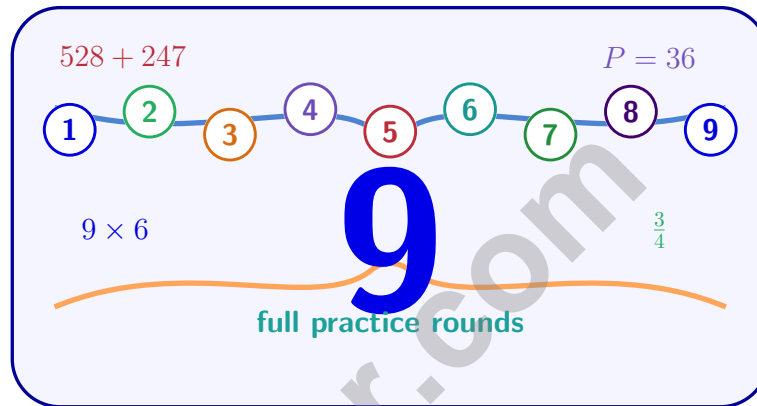


10

FOR THE COMPREHENSIVE ASSESSMENT PROGRAM

9 Wisconsin Forward Exam Grade 3 Math Practice Tests

Standards-Aligned Review with Mixed Practice and Answer Key



Nine complete 30-question Grade 3 practice rounds with operations, fractions, measurement, data, area, shapes, answer keys, and clear explanations for every item.

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Wisconsin, Start Your Nine-Round Math Rally

A curious Grade 3 challenge from first try to confident finish

This book gives you nine chances to practice like a thoughtful Wisconsin Forward Exam test taker. Each round mixes numbers, shapes, fractions, data, measurement, and word problems so your brain learns to switch skills calmly.

Wisconsin has lake shores, dairy farms, forest trails, winter sidewalks, and careful classroom habits, where careful steps matter. Strong math follows that same idea: reason what the question asks, choose a useful tool, show the work, and estimate before moving on.

Your Wisconsin Math Promise

I will slow down enough to understand the question. I will show the work that helps me think. I will use mistakes as practice fuel, then try again with a sharper plan.

Nine rounds is not about rushing. It is about building a math habit that stays strong.

How to Use This Book

A nine-session routine for clear Wisconsin review

1. **Warm up first.** Read the quick review pages and remind yourself of the big ideas.
2. **Take one test at a time.** Work without rushing. Circle words, sketch models, and label units.
3. **Check the answer key.** Mark correct answers, then star questions that need another look.
4. **Read explanations after trying again.** The explanation works best after your brain has wrestled with the problem.
5. **Use the growth log.** Track the score, one strong habit, and one skill to practice next.

Good rhythm: Test one day, review the next day, then take the next test when your corrections feel clear. In Wisconsin, that steady routine turns nine tests into one organized prep plan.



What Is Inside the Nine Tests?

Mixed Grade 3 practice with Forward Exam support

| Part | What You Practice |
|-----------------|---|
| Nine full tests | 30 mixed Grade 3 questions in each round |
| Question styles | Multiple choice, select-all, and open-ended work spaces |
| Math topics | Operations, patterns, rounding, fractions, measurement, data, area, perimeter, and shapes |
| Answer support | Compact answer keys plus explanations for every item |
| Standards help | A Wisconsin standards reference and standard-code boxes in explanations |

Why mixed practice helps: Real tests do not announce the next skill. These nine rounds help students recognize the math move they need, even when the topic changes from question to question.



Scan me!
For more practice
& answers

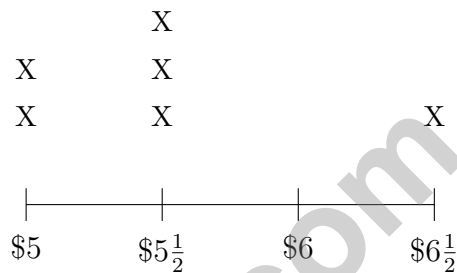
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5) A rectangle is partitioned into two parts with areas 21 and 12. Both share a width of 3. Which equation uses the distributive property to add the two smaller areas?

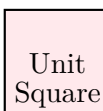
- A. $3 \times (7 + 4) = 3 \times 11 = 33$ C. $3 + 7 + 4 = 14$
 B. $3 \times (7 + 4) = (3 \times 7) + (3 \times 4) = 21 + 12 = 33$ D. $(7 \times 4) + (3) = 31$

6) A line plot shows lunch amounts in dollars: $5, 5\frac{1}{2}, 6, 6\frac{1}{2}$.



How many lunch costs were $5\frac{1}{2}$?

- A. 2 C. 4
 B. 3 D. 6
- 7) Which is true about a unit square?



- A. All sides are different lengths C. It has area equal to its perimeter
 B. All sides are 1 unit long and all angles are right angles D. It can be any shape as long as area is 1



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& answers

8) Diego found 6 anthills. Each anthill has 9 ants. How many ants did Diego find?

A. 72 ants

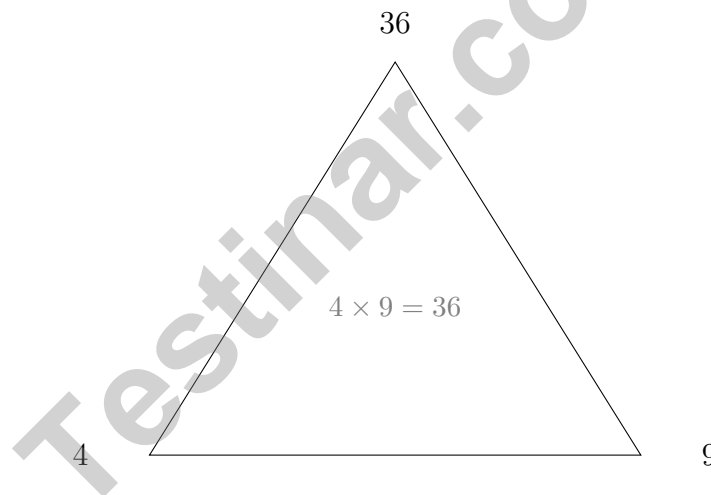
C. 15 ants

B. 48 ants

D. 54 ants

9) A student starts eating lunch at 11 : 38 AM. Recess starts at 12 : 04 PM. How many minutes until recess?

10) Look at the fact-family triangle. Which two divisions can you write?



A. $36 \div 4 = 9$ and $36 \div 9 = 4$

C. $4 + 9 = 13$ and $36 - 13 = 23$

B. $36 \div 9 = 36$ and $36 \div 4 = 36$

D. $9 \div 4 = 2$ and $36 \div 2 = 18$



- 1) A rectangle is divided into 6 equal parts with all horizontal lines. Eli shades 4 parts. What fraction does he NOT shade?



- A. $\frac{2}{6}$ C. $\frac{1}{6}$
 B. $\frac{4}{6}$ D. $\frac{5}{6}$
- 2) A rectangular garden has length 8 feet and width 3 feet. What is its area in square feet?
- A. 24 sq ft C. 11 sq ft
 B. 16 sq ft D. 32 sq ft
- 3) A square mural is made of unit tiles. It has 6 columns and 6 rows. What is the area of the mural?
- A. 12 C. 36
 B. 24 D. 66
- 4) A picture graph shows marbles. Each circle represents 2 marbles. Ava has 5 circles and Noah has 3 circles. How many more marbles does Ava have?
- A. 4 C. 8
 B. 6 D. 10



5) A number line is divided into equal parts. The first tick after 0 is at $\frac{1}{6}$. Where is the third tick?

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

B. $\frac{3}{6}$

C. $\frac{4}{6}$

D. $\frac{5}{6}$

6) Which is greater, 5×30 or 6×20 ?

A. 5×30

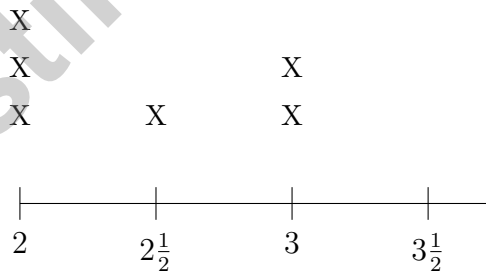
B. 6×20

 C. They are equal

 D. Cannot be determined

7) Write a fraction equivalent to $\frac{1}{2}$.

8) Sam measured the heights of flower stems in inches. The line plot below shows halves: $2, 2\frac{1}{2}, 3, 3\frac{1}{2}$.



What is the most common stem height?

 A. 2 inches

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

 C. 3 inches

 D. $3\frac{1}{2}$ inches


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& answers

1) What number makes the equation true?

$$\square \times 5 = 35$$

A. 9

C. 6

B. 8

D. 7

2) What is $28 \div 4$?

A. 6

C. 8

B. 7

D. 4

3) What is 8×20 ?

A. 80 (forgot to include the 8 in decomposition)

C. 160

B. 88 (added 8 and 80)

D. 1600 (added two zeros)

4) A baker makes 54 cookies and packs them equally into 9 boxes. He then sells 5 boxes. How many cookies did he sell?

A. 6

C. 45

B. 30

D. 54

5) Ava has 15 stickers. She puts them equally into 5 envelopes. How many stickers does each envelope have?

A. 10

C. 20

B. 2

D. 3



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For more practice
& answers

6)

| Multiplier | 1 | 2 | 3 | 4 |
|--------------|---|----|----|----|
| Product by 7 | 7 | 14 | 21 | 28 |

By how much does each product increase?

 A. By 1

 C. By 7

 B. By 4

 D. By 14

7) Lily gives 2 of her 8 stickers away. What fraction did she give?

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

8) Round 325 to the nearest 100.

 A. 300

 C. 325

 B. 320

 D. 400

9)



The number line from 0 to 6 is divided into 6 equal parts. Point P is shown. What fraction of the distance from 0 to 6 is point P ?

 A. $\frac{4}{6}$
 C. $\frac{1}{6}$
 B. $\frac{6}{5}$
 D. $\frac{5}{6}$


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

- Choice D is correct.** **(3.OA.D.8)** $4 \times 10 = 40$. This is skip counting by 10 four times: 10, 20, 30, 40.
- Choice B is correct.** **(3.MD.B.3)** $2 \times 10 = 20$ cars.
- Choice A is correct.** **(3.NF.A.2a)** Fewer parts mean larger individual pieces. $\frac{1}{2} > \frac{1}{4}$.
- Choice D is correct.** **(3.OA.A.3)** Divide: $18 \div 2 = 9$. Each box weighs 9 units. Check: $2 \times 9 = 18$.
- Choice B is correct.** **(M.3.MD.C.7c)** $21 = 3 \times 7$ and $12 = 3 \times 4$. The distributive property shows the total as $3 \times (7 + 4) = 33$.
- Choice B is correct.** **(3.MD.B.4)** Count the X's above $\$5\frac{1}{2}$. There are 3 X's.
- Choice B is correct.** **(3.MD.C.5a)** A unit square is defined as a square with side length exactly 1 unit, so all four sides are equal (1 unit each) and all four corners are right angles.
- Choice D is correct.** **(3.OA.A.1)** 6 anthills with 9 ants each means 6 groups of 9. So $6 \times 9 = 54$ ants.
- The correct answer is 26 minutes.** **(3.MD.A.1)** From 11 : 38 to 12 : 00 is 22 minutes. From 12 : 00 to 12 : 04 is 4 minutes. Total: $22 + 4 = 26$ minutes.
- Choice A is correct.** **(3.OA.B.5)** From the fact-family triangle with factors 4 and 9 and product 36, we write two divisions: $36 \div 4 = 9$ and $36 \div 9 = 4$. The factors become quotients.
- Choice D is correct.** **(3.OA.A.2)** There are 2 people total. $16 \div 2 = 8$, so each person gets 8 cookies.
- The correct answer is 600.** **(3.NBT.A.3)** The tens digit is 1. Since $1 < 5$, round down: 614 rounds to 600.
- Choice B is correct.** **(3.NF.A.3b)** The point is exactly in the middle between $\frac{2}{6}$ and $\frac{4}{6}$, which is $\frac{3}{6}$.
- Choice A is correct.** **(3.NF.A.1)** When you count three unit fractions of $\frac{1}{6}$, you add: $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \frac{3}{6}$.
- Choice D is correct.** **(3.NF.A.2b)** Point Q is at the first tick of 4 equal divisions from 0 to 3. That is $\frac{1}{4}$.
- Choices A and D are correct.** **(3.NF.A.3)** $\frac{2}{8}$ and $\frac{1}{4}$ both name one-fourth of a whole. The other choices are not equivalent to $\frac{1}{4}$.
- Choice C is correct.** **(M.3.MD.A.2)** Estimate: $150 + 80 + 20 \approx 250$ g. This tests Grade 3 estimation skill.
- Choice B is correct.** **(3.NF.A.3b)** The numerator was multiplied by 2 (from 1 to 2). Multiply the denominator by 2: $3 \times 2 = 6$. So $\frac{1}{3} = \frac{2}{6}$.
- Choice B is correct.** **(3.NBT.A.3)** Each base-ten rod represents 10. With 4 rods, we have $4 \times 10 = 40$.
- Choice C is correct.** **(3.MD.C.7d)** Bottom rectangle: $4 \times 3 = 12$ sq units. Top rectangle: $2 \times 2 = 4$ sq units. Total: $12 + 4 = 16$ sq units.
- Choice D is correct.** **(3.NBT.A.2)** Ones: $5 + 8 = 13$ (write 3, carry 1). Tens: $6 + 1 + 1 = 8$. Hundreds: $2 + 2 = 4$. Correct answer is 483, not 475.
- Choice A is correct.** **(3.NF.A.3d)** X is halfway between 0 and $\frac{1}{3}$, which is $\frac{1}{6}$. Y is between $\frac{1}{3}$ and 1, at the $\frac{1}{2}$ mark.
- Choice C is correct.** **(3.MD.C.6)** $8 \times 6 = 48$ unit squares.
- Choice D is correct.** **(3.OA.D.7)** Step 1: Subtract: $80 - 8 = 72$ chairs. Step 2: Divide by rows: $72 \div 8 = 9$ chairs per row.
- Choice C is correct.** **(3.NF.A.3c)** $\frac{4}{1} = 4$. Any number over 1 equals that number.
- Choice A is correct.** **(3.NF.A.3a)** Both fractions equal one-half and represent the same point on a number line.
- Choice A is correct.** **(3.MD.C.5b)** Rectangle 1: 3 columns and 4 rows = $3 + 3 + 3 + 3 = 12$ unit squares. Rectangle 2: 6 columns and 2 rows = $6 + 6 = 12$ unit squares. Rectangle 3: 5 columns and 3 rows = $5 + 5 + 5 = 15$ unit squares. Rectangles 1 and 2 both have an area of 12 square units.
- The correct answer is 80 square feet.** **(3.MD.C.7b)** Area = length \times width, so $10 \times 8 = 80$ square feet.
- Choice B is correct.** **(3.G.A.2)** Two horizontal and two vertical lines create 6 equal parts, not 4.
- Choice D is correct.** **(3.OA.C.6a)** $6 \times 7 = (6 \times 10) - (6 \times 3) = 60 - 18 = 42$. Breaking the fact into known facts is a good mental-math strategy.



Notes From the Math Gardener

Hi, Math Gardener!

◇ Look at how much you grew! 9 tests is like 9 weeks of taking care of your math garden. Every problem was a seed. Every try was water. ◇

★ **Gardeners say:** growth takes time. You can't see roots, but they are there. You can't always feel smarter, but you are. Your math garden is full! ★

Garden Check-Up

- **Roots:** STRONG! Your basic math is solid.
- **Stems:** STURDY! You can do step-by-step problems.
- **Leaves:** GREEN! You have lots of math tools.
- **Flowers:** BRIGHT! You feel proud of your work.

Gardener tip: keep watering your math garden long after the test. Every habit you built will grow with you for years!

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

Jay Daie

Your Math Gardener

STRONG TODAY. SUCCESS TOMORROW.

Give your child the tools they need to excel in **Grade 3 Math!** This book includes **9 complete practice tests** that follow grade-level standards and help students build confidence, sharpen skills, and achieve success.

9
COMPLETE PRACTICE TESTS

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Aligned to Standards



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