

9

Oklahoma OSTP

GRADE 3 MATH PRACTICE TESTS

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



10

FOR THE COMPREHENSIVE ASSESSMENT PROGRAM

9 Oklahoma OSTP 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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Oklahoma, Start Your Nine-Round Math Climb

A sharp Grade 3 trail from first try to confident finish

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

Oklahoma has red-dirt roads, prairie winds, city murals, storm maps, and steady test habits, where careful steps matter. Strong math follows that same idea: explain what the question asks, choose a useful tool, show the work, and compare before moving on.

Your Oklahoma 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 Oklahoma 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 Oklahoma, that steady routine turns nine tests into one organized prep plan.



What Is Inside the Nine Tests?

Mixed Grade 3 practice with OSTP 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 Oklahoma 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.

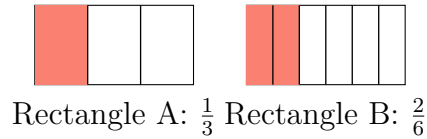


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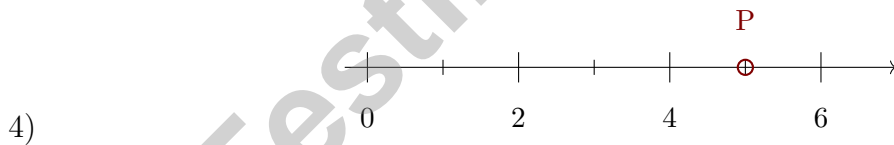
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1) Look at the shaded rectangles. Are they equivalent?



- A. Yes, they are equivalent C. No, Rectangle B is larger
 B. No, Rectangle A is larger D. They cannot be compared
- 2) Ava's dentist appointment is at 3 : 45 PM. She arrives 12 minutes early. What time does Ava arrive?
- A. 3 : 30 PM C. 3 : 57 PM
 B. 3 : 33 PM D. 4 : 00 PM
- 3) Two pies are the same size. Pie A is cut into 4 slices and 3 are eaten. Pie B is cut into 8 slices and 6 are eaten. How much pie is left in each case?
- A. Cannot tell without tasting. C. Pie B has more left.
 B. The same amount left. D. Pie A has more left.



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. $\frac{5}{6}$



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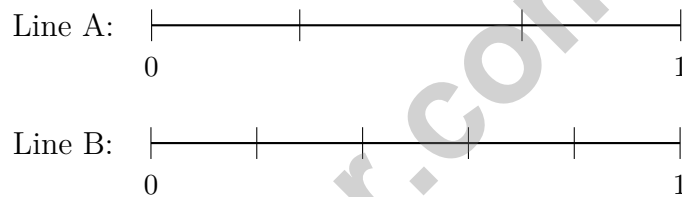
5)

×	1	2	3	4	5
2	2	4	6	8	10
3	3	6	9	12	15
4	4	8	12	16	20
5	5	10	15	20	25

Looking at the number 12 in the table, which multiplications give 12?

- A. Only 3×4
 C. 3×4 and 4×3
 B. Only 4×3
 D. 2×6 and 3×4

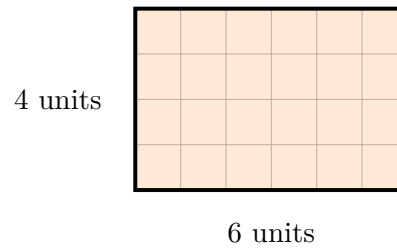
6) A teacher draws two number lines from 0 to 1. Which one shows equal partitions?



- A. Line A
 C. Both have equal parts
 B. Line B
 D. Neither has equal parts
- 7) There are 5 rows of chairs and 6 chairs in each row. How many chairs are there in total?
- A. 25 chairs
 C. 35 chairs
 B. 40 chairs
 D. 30 chairs

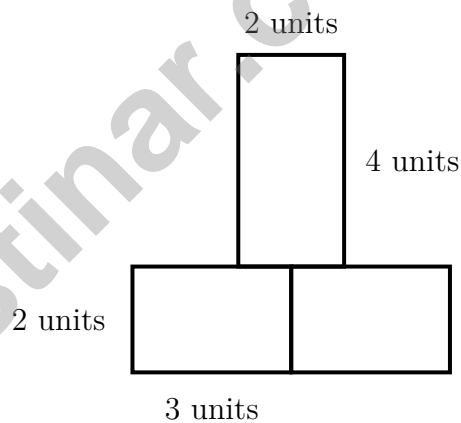


8) This rectangle on a grid has dimensions labeled.



What is the area of the rectangle?

- A. 24 sq units C. 10 sq units
 B. 20 sq units D. 28 sq units
- 9) A T-shaped board has three parts. Top middle: 2 units by 4 units. Bottom left: 3 units by 2 units. Bottom right: 3 units by 2 units. What is the total area?

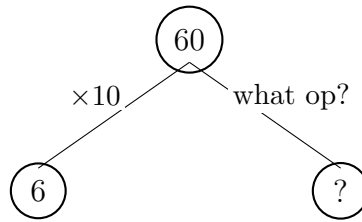


- A. 20 sq units C. 6 sq units
 B. 12 sq units D. 18 sq units



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1) Look at this number bond. What value should replace the question mark?



- A. 6; divide by 10 C. 60; add
 B. 600; multiply by 10 D. 10; multiply
- 2) Each part is $\frac{1}{8}$ of a square. How many equal parts are there?



3) Eli made $\frac{8}{4}$ pitchers of lemonade. How many whole pitchers did he make?

- A. 1 C. 8
 B. 4 D. 2
- 4) A small rug covers 12 square feet of floor. A large rug covers 12 square meters of floor. Which rug covers more actual floor space?
- A. The small rug (12 square feet) C. They cover the same space
 B. The large rug (12 square meters) D. Need to know the shape of the rug



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5) What is 916 rounded to the nearest 100?

A. 900

C. 916

B. 910

D. 1000

6) A floor has unit tiles arranged in 4 rows and 8 columns. How many unit tiles cover the floor?

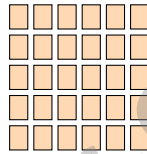
A. 12

C. 24

B. 32

D. 48

7) Below is a rectangular array showing books on shelves. There are 5 shelves with 6 books on each shelf.



5 shelves, 6 books each

How many books are there altogether?

A. 11

C. 36

B. 25

D. 30

8) A bar graph shows hours practiced. Piano: 6 units (scale: 2 hours per unit). Guitar: 4 units (scale: 2 hours per unit). How many more hours was piano practiced?

A. 2

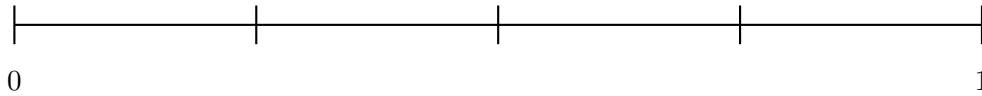
C. 8

B. 4

D. 12



1) On a number line from 0 to 1 split into 4 equal parts, what fraction comes after $\frac{2}{4}$?



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

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

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

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

2) What is 9×30 ?

A. 27 (forgot to add zero)

B. 2700 (added two zeros)

C. 270

D. 39 (added instead of multiplying)

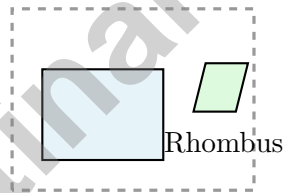
3) Round 351 to the nearest 100.

A. 300

B. 350

C. 351

D. 400



4)

Two shapes are shown. Which property do they share?

A. Both have right angles

B. Both have 4 sides

C. Both have equal sides

D. Both are squares



- 5) A rectangular game board is 5 inches long and 4 inches wide. What is the area of the game board?



- 6) Lily used $\frac{1}{2}$ of her crayons. Sam used $\frac{3}{6}$ of his crayons. Used the same fraction?
- A. Yes, they used the same fraction C. No, Sam used more
 B. No, Lily used more D. Cannot determine
- 7) Lily collects 9 marbles and her friend collects 6 marbles. They put the marbles together and split them into 3 equal groups. How many marbles are in each group?
- A. 3 C. 9
 B. 5 D. 15
- 8) Which shape has an area of 20 square units?
- A. A 2×8 rectangle C. A 3×6 rectangle
 B. A 4×5 rectangle D. A 2×9 rectangle

9)



Which repeated addition matches this array?

- A. $3 + 3 = 6$ C. $3 + 3 + 3 = 9$
 B. $2 + 2 + 2 = 6$ D. $4 + 4 + 4 = 12$



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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.N.3.3)** Both rectangles show the same shaded amount. $\frac{1}{3} = \frac{2}{6}$ because $\frac{1 \times 2}{3 \times 2} = \frac{2}{6}$.
- 2) **Choice B is correct.** **(3.GM.3.2)** $3 : 45 - 12 \text{ min} = 3 : 33 \text{ PM}$.
- 3) **Choice B is correct.** **(3.GM.2.4)** Pie A has $\frac{1}{4}$ left. Pie B has $\frac{2}{8}$ left. These are equivalent: $\frac{1}{4} = \frac{2}{8}$.
- 4) **Choice D is correct.** **(3.GM.3.2)** Point P is at distance 5 on a line from 0 to 6. Since the total distance is 6, the fraction is $\frac{5}{6}$.
- 5) **Choice C is correct.** **(3.A.1.1)** Both give 12. The multiplication table shows that $3 \times 4 = 12$ and $4 \times 3 = 12$.
- 6) **Choice B is correct.** **(3.N.3.4)** Line B has equal spacing between all ticks. Line A has unequal spacing.
- 7) **Choice D is correct.** **(3.N.2.8)** 5 rows with 6 chairs each: $5 \times 6 = 30$.
- 8) **Choice A is correct.** **(3.GM.2.4)** Area = $6 \times 4 = 24$ square units.
- 9) **Choice A is correct.** **(3.GM.2.2)** Top: $2 \times 4 = 8$ sq units. Bottom left: $3 \times 2 = 6$ sq units. Bottom right: $3 \times 2 = 6$ sq units. Total: $8 + 6 + 6 = 20$ sq units.
- 10) **Choice B is correct.** **(3.GM.2.1)** Area = length \times width = $4 \times 2 = 8$ square centimeters. Choice A (6) is the sum; C (4) is one dimension; D (12) is 4×3 .
- 11) **Choice B is correct.** **(3.N.3.4)** When numerator = denominator, the fraction equals 1 whole. $\frac{3}{3} = 1$.
- 12) **Choice A is correct.** **(3.N.3.1)** $\frac{1}{2}$ and $\frac{2}{4}$ cover the same amount. They are equivalent fractions.
- 13) **The correct answer is 1500 mL.** **(3.GM.2.5)** 5 L = 5000 mL. Total used: $2000 + 1500 = 3500$ mL. Remaining: $5000 - 3500 = 1500$ mL.
- 14) **Choice D is correct.** **(3.GM.2.1)** 9×2 means 9 groups of 2, so $2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 18$.
- 15) **Choices A and C are correct.** **(3.GM.2.4)** A is correct: area uses square units (sq in, sq cm, etc.). C is correct: the formula is $A = \ell \times w$. B is wrong: that is perimeter. D is wrong: they measure different things. E is wrong: perimeter and area are independent.
- 16) **Choice C is correct.** **(3.N.2.8)** 3 groups of (5×10) equals $3 \times 50 = 150$. Or: Each group has 50 units; $50 + 50 + 50 = 150$.
- 17) **The correct answer is 36 square inches.** **(3.N.2.1)** A square has equal sides. Area = $6 \times 6 = 36$ square inches. You can also add: $6 + 6 + 6 + 6 + 6 + 6 = 36$ (six rows of six).
- 18) **Choice C is correct.** **(3.GM.2.1)** $5 \times 6 = 30$ square units.
- 19) **Choice D is correct.** **(3.N.1.5)** Numbers from 450 to 549 round to 500. The number 460 has tens digit $6 \geq 5$, so it rounds up to 500.
- 20) **Choice D is correct.** **(3.GM.2.3)** Multiply: $5 \times 7 = 35$ hours.
- 21) **The correct answer is 70 mats.** **(3.GM.2.4)** Count the rows: 7 rows of mats. Count across: 10 mats per row. Total: $10 + 10 + 10 + 10 + 10 + 10 + 10 = 70$ square meter mats are needed.
- 22) **Choice B is correct.** **(3.D.1.2)** $5 \times 2 = 10$ minutes.
- 23) **Choice A is correct.** **(3.GM.2.2)** A unit square has side length 1 unit. If measured in inches, that is $1 \text{ in} \times 1 \text{ in} = 1$ square inch.
- 24) **Choice D is correct.** **(3.D.1.2)** First multiply the number of packs by crayons per pack: $4 \times 9 = 36$. Then add the crayons she has: $36 + 7 = 43$.
- 25) **Choice D is correct.** **(3.GM.2.3)** This is a measurement division: How many groups of 5 fit in 20? $20 \div 5 = 4$.
- 26) **Choice B is correct.** **(3.N.3.3)** The rectangle is divided into 6 equal parts. One part is shaded, so the shaded fraction is $\frac{1}{6}$ (one-sixth).
- 27) **Choice A is correct.** **(3.GM.2.1)** Left rectangle: Area = 10, Height = 2, so Width = $10 \div 2 = 5$. Check: $2 \times (5 + 3) = 2 \times 8 = 16 = 10 + 6$.
- 28) **Choice A is correct.** **(3.N.2.7)** 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.
- 29) **Choice C is correct.** **(3.GM.2.2)** Three colored parts out of 6 equal parts is $\frac{3}{6}$.
- 30) **Choice B is correct.** **(3.N.3.4)** The dot is at the second tick out of four equal parts, so it is $\frac{2}{4}$.



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Hi, Strong Climber!

◇ You climbed all 9 tests. One step at a time. That takes patience and grit. The view from the top is amazing because you earned it! ◇

★ **Mountain guides say:** steady steps win the climb. You climbed steady. You stayed strong. ★

Climber's Skills

- **Strong Steps:** You move forward, problem by problem.
- **Steady Pace:** You don't rush. You don't stop.
- **Map Skills:** You read questions carefully.
- **Top of the Mountain:** You can finish a long test.

Guide's tip: on test day, take small breaths between problems. One foot, then the next. You'll reach the top!

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

Jay Daie

Your Math Trail Guide

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

- ✓ Aligned to Grade 3 Standards
- ✓ Engaging, Varied, and Effective

More practice today for a **stronger** tomorrow.



THIS BOOK HELPS YOUR CHILD:



Build Confidence

Familiar, focused practice reduces anxiety and builds self-belief.



Strengthen Skills

Reinforces key math concepts through high-quality, standards-aligned questions.



Improve Test Readiness

Full-length tests help students understand test format, pacing, and question types.



Track Progress

Identify strengths and target areas with purposeful practice.



Achieve Success

Better preparation leads to higher scores and bright futures.

COVERS ALL ESSENTIAL TOPICS

- ✓ Whole Numbers & Operations
- ✓ Fractions & Decimals
- ✓ Algebraic Thinking
- ✓ Geometry
- ✓ Measurement & Data
- ✓ Graphing & Data Analysis
- ✓ Number Patterns
- ✓ Word Problems
- ✓ Ratio & Proportion
- ✓ Perimeter, Area & Volume
- ✓ And More!



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Aligned to Standards



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