

10 Arizona AASA Grade 4 Math Practice Tests

The Ultimate Test Prep Collection with Answer Explanations

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Grade 4 Math: 10 Practice Tests



Hey there, test champion! 🏆

Ten practice tests — that's the **ultimate preparation**. By the end, you'll be ready for **anything!**

- ✔️ *Maximum practice for maximum confidence.*
- ✔️ *See every type of question multiple times.*
- ✔️ *Ten chances to improve and master every topic!*

Time to become a test champion! 👍

“ Ten tests! That's champion-level commitment. You're going to be SO prepared! ”



How to Use This Book

Ten tests, one goal: total mastery. Here's your champion game plan.

What's Inside

- **10 Practice Tests** — the ultimate set covering every Grade 4 topic
- **Answer Key** — detailed answers and explanations at the back
- **Reference Pages** — math symbols and multiplication table you can use during tests
- **My Test Tracker** — chart your champion journey across all ten tests

How to Take a Practice Test


1. **Set up:** Find a quiet spot. Gather pencils, eraser, and scratch paper.
2. **Time it:** Set a timer (or ask a grown-up to). Try to finish without rushing.
3. **Work through it:** Answer every question. Skip hard ones and come back later.
4. **Check your work:** Use any extra time to double-check your answers.
5. **Score it:** Use the Answer Key. Write your score in the Test Tracker.

Multiple Choice

*Pick the best answer from the choices given.
Read ALL options before choosing — the first one that looks right isn't always the best!*

Short Answer

Solve the problem and write your answer. Show your work — even if you get the answer wrong, partial credit counts in many real tests!

 **Champion Strategy:** Pace yourself! Do 2–3 tests per week. Re-view every mistake between tests — by Test 10, you'll be unstoppable!

💡 Test-Taking Tips 💡

Champion strategies to carry you through all 10 tests!

🕒 Before You Start

- Get a good night's sleep and eat a healthy meal.
- Have your supplies ready: pencils, eraser, scratch paper.
- Take three slow, deep breaths. You're a test champion!
- Remember: 10 tests means 10 chances to improve — no pressure on any single one.

✎ During the Test

1. **Read each question twice.** Underline key words like "how many more," "product," or "estimate."
2. **Show your work.** Write out each step — it helps you catch mistakes.
3. **Use scratch paper.** Line up digits carefully for multi-digit problems.
4. **Skip and return.** Stuck on a question? Star it and move on. Come back with fresh eyes.
5. **Check with estimation.** Does your answer make sense? A quick estimate can catch big errors.
6. **Use your time wisely.** Don't spend too long on one problem.

✅ Multiple Choice Tricks

- Read **all** choices first.
- Cross out answers you know are wrong.
- Plug your answer back into the problem.
- When in doubt, eliminate and guess — never leave it blank!

⚠️ Watch Out For..

- Rushing through without reading carefully.
- Mixing up \times and $+$ in word problems.
- Forgetting to regroup when adding or subtracting.
- Not simplifying fractions when asked.
- Skipping the "check your work" step.



“ Ten tests! That takes real dedication. You're not just practicing — you're training like a champion. By the last test, nothing will surprise you! ”

X¹ Math Reference Sheet X¹

You may use this page during your practice tests!

Symbol	Name	Meaning
+	Plus	Combine amounts
-	Minus	Find the difference
×	Times	Multiply (repeated groups)
÷	Divide	Split into equal parts
=	Equals	Same value on both sides
> <	Greater / Less Than	Compares two values
$\frac{a}{b}$	Fraction	a parts out of b equal parts
.	Decimal Point	Separates wholes from parts
∠	Angle	Measured in degrees

Key Math Words

- **Factor** — a number you multiply
- **Product** — answer from multiplying
- **Quotient** — answer from dividing
- **Remainder** — left over after dividing
- **Numerator** — top of a fraction
- **Denominator** — bottom of a fraction
- **Equivalent** — equal in value
- **Perimeter** — distance around
- **Area** — space inside
- **Estimate** — a close, rounded guess

 **Word Problem Clue Words**

Add (+) *in all, altogether, total, combined, sum, increase*

Subtract (–) *how many more, how many fewer, difference, left, remain*

Multiply (×) *each, every, per, times as many, groups of, product*

Divide (÷) *split equally, shared among, divided into, per group*

PREVIEW



Contents



Practice Test 1 1

PREVIEW



Find more at
ViewMath.com/Grade4



PRACTICE TEST

1

Practice Test 1

 30 Questions

Before You Start

- ✓ *Read each question carefully before choosing your answer.*
- ✓ *Show your work on scratch paper when you need to.*
- ✓ *Skip hard questions and come back to them later.*
- ✓ *Check your answers when you're done.*
- ✓ *Take your time — there's no rush!*

★ *You've Got This!* ★

Do your best and show what you know!



13. A pitcher was $\frac{7}{8}$ full. Ana poured out $\frac{4}{8}$. How full is the pitcher now?

(A) $\frac{4}{8}$

(B) $\frac{3}{8}$

(C) $\frac{11}{8}$

(D) $\frac{2}{8}$

14. Which improper fraction is equal to $3\frac{1}{3}$?

(A) $\frac{7}{3}$

(B) $\frac{9}{3}$

(C) $\frac{10}{3}$

(D) $\frac{4}{3}$

15. What is $2 \times \frac{3}{4}$, written as a mixed number?

(A) $1\frac{2}{4}$

(B) $1\frac{1}{4}$

(C) $1\frac{3}{4}$

(D) $\frac{6}{4}$

16. What is the missing number? $\frac{6}{10} = \frac{?}{100}$

(A) 16

(B) 600

(C) 6

(D) 60

17. A runner finished a race in 12.6 seconds. Write the decimal part (0.6) as a fraction.

Your Answer:



18. A student says that $0.40 > 0.4$ because $40 > 4$. Is the student correct?

- (A) Yes, $40 > 4$ so $0.40 > 0.4$.
(B) No. $0.40 = 0.4$ because adding a zero to the end of a decimal doesn't change its value.
(C) No. $0.40 < 0.4$ because there are more decimal places.
(D) Yes, because 0.40 has hundredths.

19. How many milliliters are in 1 liter?

- (A) 100 mL
(B) 10 mL
(C) 1,000 mL
(D) 10,000 mL

20. A dog weighs 5 kg. A cat weighs 3,000 g. Which animal is heavier?

- (A) The cat
(B) The dog
(C) They weigh the same
(D) Cannot be determined

21. A floor has an area of 50 square feet. The length is 10 feet. What is the width?

Your Answer:

22. A square has sides of 8 m. What is its perimeter?

Your Answer:

23. Why are fractions used as labels on the number line in a line plot of measurement data?

- (A) As the labels on bars in the graph
(B) Because measurements often fall between whole numbers
(C) To color the X marks differently
(D) To title the graph



30. Which shape has MORE lines of symmetry than a rectangle (non-square)?

- (A) Scalene triangle
- (B) Trapezoid with no equal sides
- (C) Square
- (D) Right triangle

PREVIEW



★ *End of Practice Test 1* ★

Great job finishing the test!

 **My Score**

I got _____ out of 30 questions right.

*Check your answers in the **Answer Key** at the back of the book.*

 *Review any questions you missed. That's how we learn!*

THANK YOU

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- ✓ *Hundreds of practice problems*
- ✓ *Complete answer key with explanations*
- ✓ *Colorful visuals and step-by-step examples*
- ✓ *Reference sheets and progress trackers*

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