

# 3 Alaska AK STAR Grade 5 Math Practice Tests

*Full-Length Test Prep with Detailed Answer Explanations*

**Dr. A. Nazari**

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## 3 Practice Tests to Get You Started!

Hey there, future math whiz! ★

This book has **3 full practice tests** to help you warm up for the real thing. Think of it like stretching before a big game — these tests will get your brain ready and show you what to expect!

👍 Three tests is the **perfect start!**

👍 Each one helps you feel **more ready!**

👍 You'll be surprised how much you **already know!**

Sharpen your pencil and let's get warmed up! 🔥

“ Take your time with each test,  
and you'll feel more confident  
every step of the way! ”



PRACTICE TEST

1

## Practice Test 1

 10 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!*



1. What is the value of  $10^4$ ?

Your Answer:

2. Which decimal equals  $50 + 4 + 0.3 + 0.02$ ?

(A) 54.32

(B) 5,432

(C) 54.302

(D) 504.32

3. 0.123 rounded to the nearest hundredth is:

(A) 0.1

(B) 0.12

(C) 0.13

(D) 0.123

4. Multiply:  $42 \times 18$

Your Answer:

5. A bookstore has 315 books to put on shelves. Each shelf holds 20 books. How many shelves are needed to hold all the books?

(A) 15

(B) 16

(C) 17

(D) 14

6. A train travels 3,510 miles in 48 hours. About how many miles does it travel per hour?

Your Answer:



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7. A board is 9.4 meters long. A carpenter cuts off 5.68 meters. How long is the remaining piece?

Your Answer:

8. Each bottle of water costs \$1.50. How much do 6 bottles cost?

Your Answer:

9. Which statement is true?

- (A)  $2.4 \div 0.8$  and  $24 \div 8$  have different answers.      (B)  $2.4 \div 0.8$  and  $24 \div 8$  have the same answer.
- (C)  $2.4 \div 0.8$  equals 0.3.      (D)  $24 \div 8$  equals 30.

10. Tom spent  $\frac{1}{2}$  hour on math and  $\frac{2}{5}$  hour on reading. How much time did he spend on homework in total?

- (A)  $\frac{3}{7}$  hour      (B)  $\frac{7}{10}$  hour
- (C)  $\frac{9}{10}$  hour      (D)  $\frac{3}{10}$  hour



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## ★ *End of Practice Test 1* ★

*Great job finishing the test!*

### *My Score*

*I got \_\_\_\_\_ out of 10 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*
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