

10 Alaska AK STAR Grade 5 Math Practice Tests

The Ultimate Test Prep Collection with Answer Explanations

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“ Ten tests may sound like a lot, but each one makes the next one easier. Trust the process! **”**

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 10^3 ?

(A) 30

(B) 300

(C) 1,000

(D) 10,000

2. $0.47 = \frac{?}{100}$. What is the missing numerator?

(A) $\frac{47}{10}$

(B) $\frac{47}{1,000}$

(C) $\frac{47}{100}$

(D) $\frac{4}{7}$

3. Round 7.349 to the nearest tenth.

Your Answer:

4. Which expression shows the area model for 52×47 ?

(A) $(50 \times 40) + (2 \times 7)$

(B) $(50 \times 40) + (50 \times 7) + (2 \times 40) + (2 \times 7)$

(C) $(50 \times 7) + (2 \times 40)$

(D) $(52 \times 40) + (52 \times 70)$

5. A library has 425 books to pack into boxes. Each box holds 30 books. How many full boxes will there be?

(A) 14

(B) 15

(C) 5

(D) 13

6. Estimate the quotient of $4,780 \div 58$ using compatible numbers.

Your Answer:



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7. Subtract: $8.3 - 5.17$

(A) 3.23

(B) 3.87

(C) 3.13

(D) 2.13

8. Pencils cost \$0.75 each. How much do 8 pencils cost?

(A) \$5.00

(B) \$5.60

(C) \$6.00

(D) \$7.50

9. What is $6.3 \div 0.9$?

Your Answer:

10. Add: $\frac{4}{9} + \frac{1}{3}$. Write your answer in simplest form.

Your Answer:



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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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