

5 Full-Length Massachusetts MCAS Grade 3 Math Practice Tests

Extra Practice for Test Day Success

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PRACTICE MAKES PROGRESS

5 Practice Tests to Build Your Skills!

Hello, math explorer! ★

This book has **5 full-length practice tests** designed to help you grow stronger with every try. Each test covers everything you've learned in Grade 3 — numbers, operations, fractions, shapes, and more!

- ✓ Test by test, you'll spot what you're **great at**!
- ✓ You'll discover what to **practice more**!
- ✓ By test 5, you'll feel **totally ready**!

Grab your pencil and let's grow together! 🌱

“ Five tests gives you room to grow. Each time you take one, you'll understand a little more. That's how real learning works! ”



How to Use This Book

Your guide to getting the most from 5 practice tests!

What's Inside This Book

- **5 Full-Length Practice Tests** — Each covers all Grade 3 math topics, just like the tests at school!
- **Detailed Answer Explanations** — Don't just check your answers — learn from them! Every question has a step-by-step explanation.
- **Reference Pages** — Handy math symbols chart and multiplication table you can use during every test.
- **Test Tracker** — Log your scores, spot patterns, and watch yourself improve test by test!

Your 5-Week Practice Plan

Spread your tests over 5 weeks for the best results:

- Week 1:** Take Test 1 (untimed). Review every answer.
- Week 2:** Study tricky topics. Take Test 2 (soft timer).
- Week 3:** Take Test 3 (timed). Compare with Test 1!
- Week 4:** Focus on weak spots. Take Test 4 (timed).
- Week 5:** Take Test 5 like the real thing. Celebrate!

Multiple Choice

Choose the **best answer** from A, B, C, or D.

 **Pro tip:** Read all four choices before deciding. Sometimes the last option is the right one!

Short Answer

Show your work and write your answer clearly.

 **Pro tip:** Even if you're not 100% sure, writing your steps can earn you partial credit!

“ The Secret to Getting Better ”



Here's how learning works: **Take a test** → **Check your answers** → **Study the ones you missed** → **Try again**. Each test is a chance to learn something new. Don't worry about being perfect — focus on being better than last time!

🌱 **Remember:** Growth happens one test at a time.

By test 5, you won't believe how far you've come! 🌱



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💡 Strategies for Success 💡

Smart habits that make you better with every test!

🕒 Get Set Up Right

- ✔ **Eat a good meal first** — your brain needs energy to do its best thinking.
- ✔ **Clear your desk** — only pencils, eraser, scratch paper, and this book.
- ✔ **Take 3 deep breaths** — breathe in (1...2...3), breathe out (1...2...3). Feel calmer?
- ✔ **Set a goal** — not a score, but a habit! Like: “I’ll show my work on every problem.”

🔍 Read Like a Math Detective

1. **Read the whole question** before looking at the answer choices.
2. **Circle the key numbers** and **underline what it’s asking**. (Example: “How many more does she have?”)
3. **Decide what operation to use** — add, subtract, multiply, or divide?
4. **Solve it on scratch paper first**, then look at the choices.
5. **Check:** Does your answer make sense? Is it too big? Too small?

🕒 Timing Yourself

- Tests 1–2: No timer needed! Just get comfortable.
- Tests 3–4: Try a gentle timer (60 minutes).
- Test 5: Full test conditions — quiet room, timed, no help.
- Don’t rush! Speed comes naturally with practice.

📖 Learn from Mistakes

After each test:

- Read the explanation for every wrong answer
- Write down the topic (fractions? word problems?)
- Review that topic before the next test
- Try the same type of problem again
- Celebrate what you got **right!**



“Here’s a secret: the kids who improve the most aren’t the ones who never make mistakes — they’re the ones who **learn** from them! Every wrong answer is a clue about what to study next. That’s why 5 tests is so powerful — you have room to grow!”

X¹ Math Reference Sheet X¹

You may use this page during your practice tests!

Symbol	Name	What It Means	
+	Plus (Add)	Put numbers together.	$3 + 5 = 8$
-	Minus (Subtract)	Take away from a number.	$9 - 4 = 5$
×	Times (Multiply)	Add equal groups.	$4 \times 3 = 12$
÷	Divide	Split into equal groups.	$12 \div 3 = 4$
=	Equals	Both sides are the same.	$2 + 3 = 5$
>	Greater Than	The left number is bigger.	$7 > 3$
<	Less Than	The left number is smaller.	$2 < 9$
$\frac{1}{2}$	Fraction Bar	Part of a whole. $\frac{1}{2}$ means 1 out of 2 equal parts	

Key Math Words

- **Sum** — the answer when you add
- **Difference** — the answer when you subtract
- **Product** — the answer when you multiply
- **Quotient** — the answer when you divide
- **Factor** — a number you multiply
- **Array** — objects in rows and columns
- **Fraction** — a part of a whole
- **Numerator** — the top number in a fraction
- **Denominator** — the bottom number
- **Equation** — a math sentence with =
- **Estimate** — a smart guess, close to the real answer
- **Perimeter** — the distance around a shape
- **Area** — the space inside a shape
- **Rounding** — making a number simpler by going to the nearest ten or hundred

 Word Problem Clue Words

- **Add** (+): *in all, total, altogether, combined, sum, both, more*
- **Subtract** (−): *how many more, how many left, fewer, difference, remain*
- **Multiply** (×): *each, every, groups of, times, rows of, per*
- **Divide** (÷): *share equally, split, each group, how many groups, per*



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PREVIEW



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PREVIEW

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!



1. Which statement is true?

(A) $6,120 > 6,210$

(B) $6,120 = 6,210$

(C) $6,120 < 6,210$

(D) $6,210 < 6,120$

2. What is 995 rounded to the nearest 10?

(A) 990

(B) 995

(C) 1,000

(D) 900

3. Is 456 even or odd?

Your Answer:

4. How many thousands are in 10,000?

(A) 1

(B) 10

(C) 100

(D) 1,000

5. Which number is 10,000 more than 490,000?

(A) 491,000

(B) 499,000

(C) 500,000

(D) 590,000

6. Round 1,111 to the nearest 1,000.

Your Answer:



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7. Use the standard algorithm to find $463 + 379$.

Your Answer:

8. When you add $3,750 + 4,250$, what happens in the hundreds column?

(A) $7 + 2 = 9$, no carry

(B) $7 + 2 + 1 = 10$, carry 1

(C) $7 + 2 = 9$, carry 1

(D) $5 + 5 = 10$, carry 1

9. What is 9×30 ?

Your Answer:

10. Which shows the associative property?

(A) $3 \times 4 = 4 \times 3$

(B) $(2 \times 3) \times 5 = 2 \times (3 \times 5)$

(C) $6 \times (4 + 2) = (6 \times 4) + (6 \times 2)$

(D) $8 \times 1 = 8$

11. A parking lot has 6 rows. Each row fits 9 cars. How many cars can the lot hold?

Your Answer:

12. A toy store has 60 toys. They sell 12 toys, then divide the rest equally among 8 display shelves. How many toys are on each shelf?

Your Answer:



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13. Which number is both a multiple of 3 and a multiple of 6?

(A) 9

(B) 15

(C) 18

(D) 21

14. A pizza is cut into 8 equal slices. You eat 3 slices. What fraction of the pizza did you eat?

(A) $\frac{3}{5}$

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

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

(D) $\frac{5}{8}$

15. A ribbon is cut into 8 equal pieces. What unit fraction is each piece?

Your Answer:

16. What does "equivalent fractions" mean?

(A) Fractions with the same numerator

(B) Fractions with the same denominator

(C) Fractions that look different but show the same amount

(D) Fractions that are greater than 1

17. On a number line divided into fourths, which fraction is at 3?

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

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

(C) $\frac{12}{4}$

(D) $\frac{3}{1}$

18. Write $<$, $>$, or $=$: $\frac{5}{6}$ $\frac{3}{6}$

Your Answer:



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19. A recipe requires $\frac{14}{3}$ cups of water. Write this as a mixed number.

Your Answer:

20. An eraser ends at the third quarter-inch mark past 3 inches. How long is the eraser to the nearest quarter inch?

(A) $3\frac{1}{4}$ inches

(B) $3\frac{1}{2}$ inches

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

(D) 4 inches

21. 9,000 grams = how many kilograms?

(A) 9 kg

(B) 90 kg

(C) 900 kg

(D) 9,000 kg

22. You buy a pencil for \$0.45 and pay with 3 quarters. How much change do you get?

(A) \$0.20

(B) \$0.25

(C) \$0.30

(D) \$0.35

23. What is $\$7.25 + \4.90 ?

(A) \$11.15

(B) \$11.25

(C) \$12.15

(D) \$12.25



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29. A circle is partitioned into 8 equal parts. If 3 parts are shaded, what fraction of the circle is shaded?

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

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

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

(D) $\frac{1}{8}$

30. A polygon has 6 sides. What is it called, and how many angles does it have?

Your Answer:



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★ *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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- ✓ *All chapters and topics*
- ✓ *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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