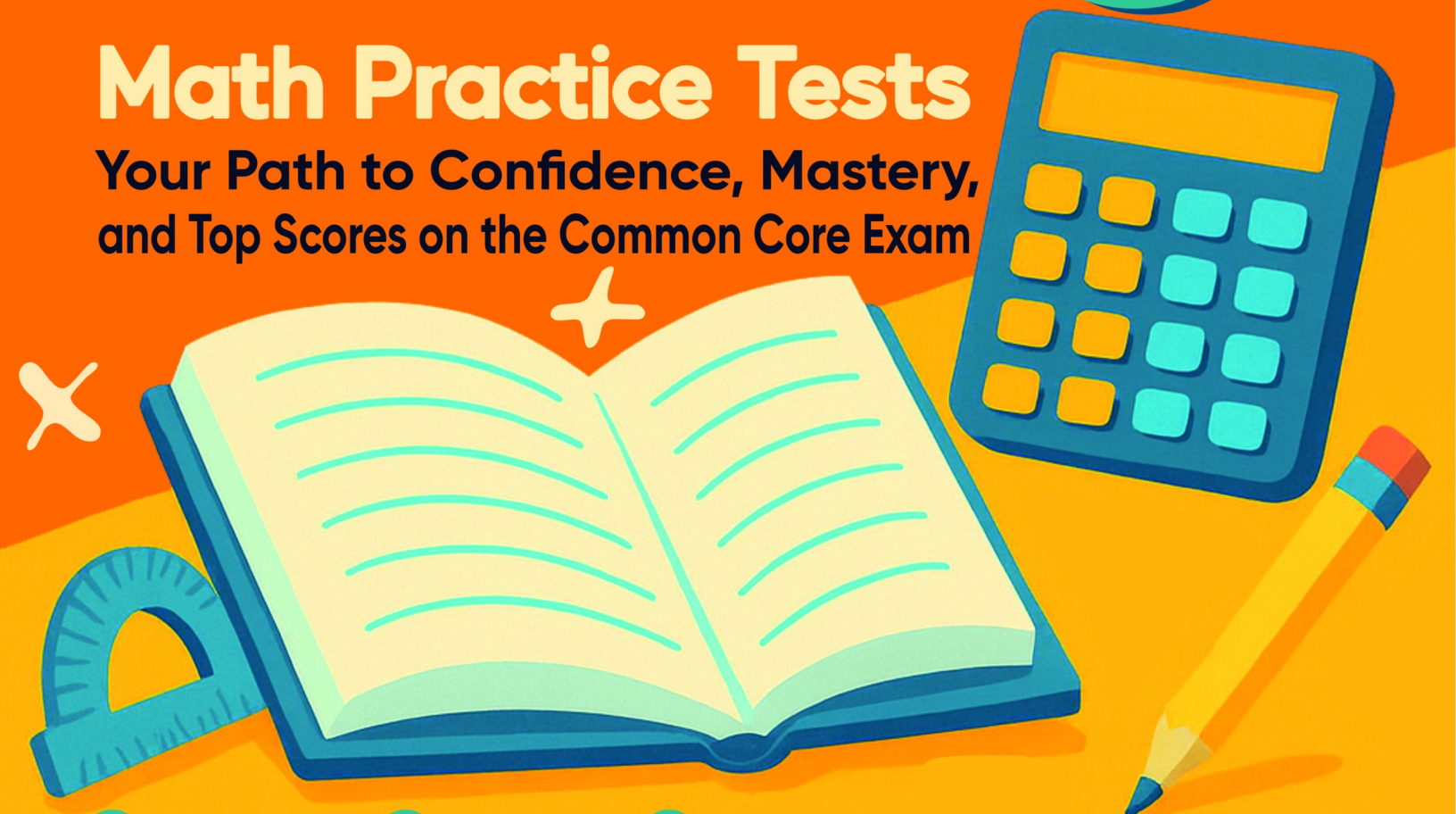
7 Full-Length Common Core Grade 5 Math Practice Tests

Your Path to Confidence, Mastery, and Top Scores on the Common Core Exam



Practice Master Achieve

Reza Nazari

7 Full-Length Common Core Grade 5 Math Practice Tests

Your Path to Confidence, Mastery, and Top Scores on the Common Core Exam



Reza Nazari

Copyright © 2026

Effortless Math Education Inc

Published by Effortless Math Education

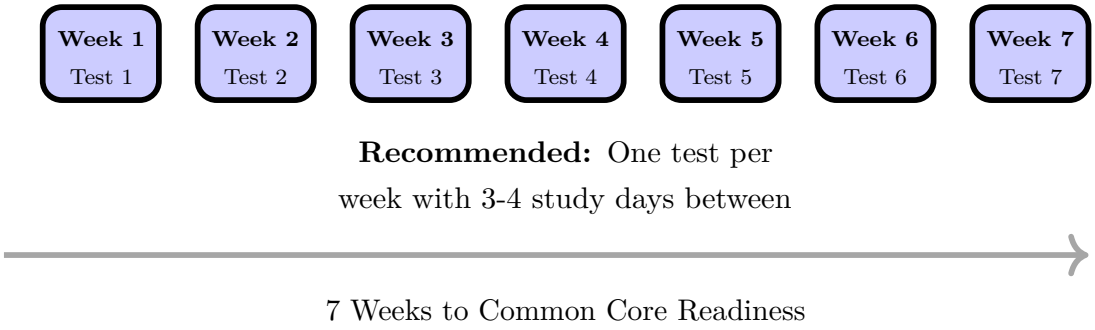
www.effortlessmath.com

All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of the author, except in the case of brief quotations embodied in critical reviews and certain other noncommercial uses permitted by copyright law, including Section 107 or 108 of the 1976 United States Copyright Act.

Copyright © 2026

Creating an Effective Study Schedule

Consistency matters more than intensity. Here's a recommended timeline:



Weekly Study Routine

Day 1 (Monday): Complete one practice test (60-90 minutes)
Day 2 (Tuesday): Check answers, identify areas needing work (30 minutes)
Day 3 (Wednesday): Study explanations for missed questions (45 minutes)
Day 4 (Thursday): Review concepts from missed problems (30 minutes)
Day 5 (Friday): Quick review of formulas and key concepts (20 minutes)
Weekend: Rest and light review only

How to Support Without Hovering

Your involvement is crucial, but independence builds confidence. Strike the right balance:

DO:

- Provide a quiet, well-lit study space
- Help establish and maintain the study schedule
- Celebrate effort and improvement, not just correct answers
- Review progress charts together weekly
- Ask "What did you learn today?" instead of "What did you get wrong?"
- Encourage perseverance when frustration arises

DON'T:

- Sit next to them during practice tests (defeats the purpose)
- Compare their progress to siblings or classmates
- Show disappointment over low scores
- Push them to complete all tests quickly
- Do the work for them when they struggle

Understanding the Explanations

Each test includes detailed explanations. Here's how to use them effectively:

1. **Let Students Read First:** Allow them to study explanations independently before offering help
2. **Ask Guiding Questions:** "What step confused you?" or "Can you explain this part to me?"
3. **Connect to Prior Knowledge:** "Remember when you learned about fractions in school? This uses that same idea."
4. **Encourage Note-Taking:** Have them write key strategies or formulas they learn
5. **Practice Similar Problems:** If they miss a concept, create 2-3 similar problems for extra practice

Addressing Common Challenges

Here's how to handle typical obstacles:

Challenge: "I'm Stupid at Math"

Response: "You're not stupid—you're learning! Everyone finds some topics challenging. Let's figure out which specific concept is tricky and practice that."
Action: Focus on growth mindset language. Praise effort and strategy use, not innate ability.

Challenge: Losing Motivation

Response: "I understand practice can feel repetitive. Let's look at your progress chart—see how much you've improved!"
Action: Break study into shorter sessions. Offer small rewards for completing tests. Make it visual and concrete.

Challenge: Test Anxiety

Response: "Feeling nervous is normal. Let's practice some breathing techniques and positive self-talk."
Action: Practice relaxation exercises. Gradually increase test conditions (timing, quiet room). Build confidence through success.

When to Seek Additional Help

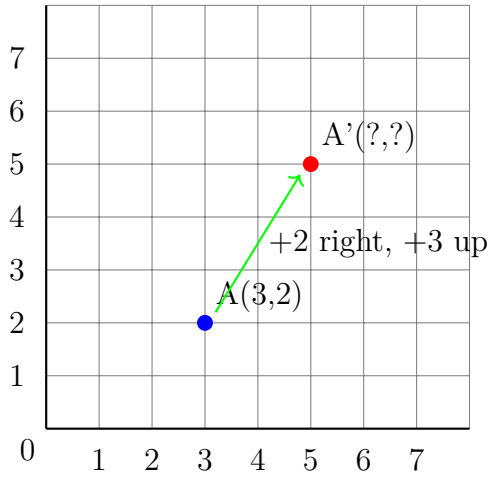
Sometimes extra support is beneficial. Consider outside help if:

- Student shows no improvement after 3-4 tests
- Specific concept remains confusing despite explanation study
- Emotional distress about math persists

6) What is the value of $5 \times (12 - 4) + 3 \times 7$?

☐ A. 56 ☐ C. 61
☐ B. 58 ☐ D. 64

7) Point A is at $(3, 2)$ on a coordinate plane. If it is translated 2 units right and 3 units up, what are the new coordinates of point A'?

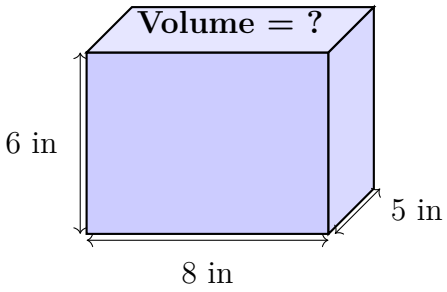


☐ A. $(1, 5)$ ☐ C. $(5, -1)$
☐ B. $(5, 5)$ ☐ D. $(1, -1)$

8) Consider the pattern: 7, 14, 28, 56, ... What number comes next in the sequence?

☐ A. 84 ☐ C. 112
☐ B. 98 ☐ D. 126

9) A rectangular prism has a length of 8 inches, a width of 5 inches, and a height of 6 inches. What is the volume of the prism?



☐ A. 19
☐ B. 190
☐ C. 240
☐ D. 280

10) There are 240 students in grade 5. 25% play soccer, 30% of those also play basketball. How many play both?

☐ A. 12
☐ B. 18
☐ C. 24
☐ D. 30

11) A recipe calls for $2\frac{1}{2}$ cups of flour and $1\frac{3}{4}$ cups of sugar. If Maria wants to double the recipe, how many total cups of flour and sugar will she need?

Record your answer in the space provided.

12) A person earns $12.50 per hour. Based on this rate, what would be the total earnings for working 6 hours?

☐ A. $60.00
☐ B. $72.50
☐ C. $75.00
☐ D. $80.00

13) A number pattern follows this rule: Start with 200, then repeatedly divide by 2 and add 20. What is the 4th term in this sequence?

☐ A. 60 ☐ C. 80
☐ B. 70 ☐ D. 90

14) A school cafeteria ordered 15 pizzas for a field trip. Each pizza costs $12.50. If there is a delivery charge of $20, what is the total cost of the order?

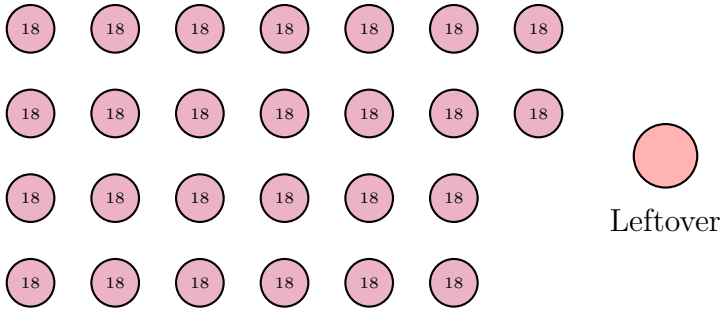
☐ A. $187.50 ☐ C. $217.50
☐ B. $207.50 ☐ D. $227.50

15) Evaluate the expression: $(15 + 9) \div 3 - 2 \times 4 + 7$?

☐ A. 4 ☐ C. 6
☐ B. 5 ☐ D. 7

16) A school has 475 students to divide into teams of 18 students each. How many complete teams can be formed, and how many students will be left over?

475 Students



☐ A. 26 teams, 7 students left ☐ C. 27 teams, 7 students left
☐ B. 26 teams, 5 students left ☐ D. 27 teams, 9 students left

17) Convert 0.375 to a percentage, then find what fraction (in lowest terms) that percentage represents.

☐ A. $\frac{3}{8}$ ☐ C. $\frac{37.5}{100}$
☐ B. $\frac{15}{40}$ ☐ D. $\frac{375}{1000}$