

Missouri MAP Grade 4 Math in 30 Days

Day by Day Study Plan for Test Prep

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Grade 4 Math in 30 Days



One topic a day. Thirty days. The entire grade.

This book breaks all of Grade 4 math into 30 bite-sized lessons. Each day takes about 25–35 minutes and covers a quick lesson, practice problems, and a daily challenge.

- ✓ *Small daily steps add up to **big** results.*
- ✓ *Consistency beats cramming — every time.*
- ✓ *You only need 30 days. Let's start today!*

Day 1 is waiting! 🚀

“ I'll be here every day with tips and encouragement.

Thirty days from now, you'll be amazed at how much you've learned! ”



How to Use This Book

Every day follows the same simple pattern.

Today's Goals

Each day starts with clear goals so you know exactly what you're learning today.

Quick Lesson

A short, focused explanation of the day's topic. Read it carefully — this is the core idea.

Daily Practice

Practice problems to reinforce today's lesson. Try them all before checking answers!

Daily Challenge

A bonus problem that pushes you a little further. Give it a try — it's okay if it

Your 30-Day Plan

Here's where your journey takes you — one day at a time!

Days 1–8: Multiply, Divide, Patterns & Place Value

- | | |
|----------------------------------|---------------------------------|
| 1 Multiplication as a Comparison | 5 Number and Shape Patterns |
| 2 Comparison Word Problems | 6 Place Value & Expanded Form |
| 3 Multi-Step Word Problems | 7 Compare Numbers & $\times 10$ |
| 4 Factors, Multiples, & Primes | 8 Rounding Whole Numbers |

Days 9–12: Whole Number Arithmetic

- | | |
|-----------------------------------|--|
| 9 Add & Subtract Whole Numbers | 11 Multiply Two-Digit $\times$ Two-Digit |
| 10 Multiply by a One-Digit Number | 12 Divide with Remainders & Estimate |

##



“ You don’t have to be perfect on Day 1. The whole point is to get a little better every day. By Day 30, you’ll look back and realize how far you’ve come! ”

PREVIEW



Find more at
[ViewMath.com/Grade4](https://www.viewmath.com/Grade4)



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WEEK

1

Multiply, Divide, Patterns & Place Value



This Week's Days



Multiplication as a Comparison





DAY

1

Multiplication as a Comparison

📖 Today You Will Learn 📖

- ✓ Understand “times as many” statements
- ✓ Write multiplication equations from comparisons

📊 Your Progress: Day 1 of 30



★ Let's make today count! ★



Key Concept

What Does “Times as Many” Mean? When we say “35 is 5 **times as many** as 7,” we mean:

$$5 \times 7 = 35$$

A **multiplicative comparison** tells how many times bigger one amount is than another.

Pattern: A is n times as many as $B \Rightarrow A = n \times B$

Examples:

- “24 is 4 times as many as 6” means $4 \times 6 = 24$.
- “Tom has 3 times as many cards as Lily” means Tom’s cards = $3 \times$ Lily’s cards.

 Practice Time!

1. 18 is 3 times as many as _____.
2. 7 times as many as 5 is _____.
3. Write a multiplication equation: "32 is 8 times as many as 4." _____
4. Mia has 6 books. Noah has 5 times as many books. How many books does Noah have? _____
5. A cat weighs 9 pounds. A dog weighs 4 times as much. How much does the dog weigh? _____
6. Write a comparison sentence for $6 \times 7 = 42$. _____

 Daily Challenge!

7. Ana is 8 years old. Her grandma is 9 times as old. How old is her grandma? In how many years will grandma be 10 times Ana's current age?

 **Key Takeaway:** "Times as many" means multiply: $A = n \times B$.

WEEK

2

Whole Number Arithmetic



This Week's Days



Add and Subtract Whole Numbers





DAY

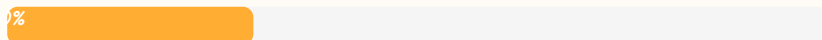
9

Add and Subtract Whole Numbers

📖 *Today You Will Learn* 📖

- ✓ *Add multi-digit numbers with regrouping*
- ✓ *Subtract multi-digit numbers with borrowing*

📊 *Your Progress: Day 9 of 30*



★ *Let's make today count!* ★



 Add Whole Numbers **Key Concept**

Line Up, Add, Regroup To add big numbers, **line up the digits by place value** and add from right to left. When a column totals 10 or more, write the ones digit and **carry** the extra to the next column.

Example: $2,587 + 1,946$

- *Ones:* $7 + 6 = 13$. Write 3, carry 1.

 Key Concept

Line Up, Subtract, Borrow Subtraction also goes right to left. When the top digit is **smaller** than the bottom digit, **borrow** 1 from the next column (that adds 10 to your column).

Across zeros: If the next column is 0, keep moving left until you find a digit to borrow from, then work back.

Check: Answer + bottom number = top number.

 Subtract: $5,003 - 2,768$

1. Ones: $3 - 8$? Borrow! Tens is 0, hundreds is 0 —

1. $1,463 + 2,578 =$ _____

3. $6,508 + 1,794 =$ _____

2. $3,295 + 4,867 =$ _____

4. $2,749 + 5,386 =$ _____

Subtract Whole Numbers

5. $7,432 - 3,685 =$ _____

7. $9,300 - 4,527 =$ _____

6. $4,001 - 1,256 =$

THANK YOU

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The complete book includes:

- ✓ *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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