Arkansas ATLAS Grade 3 Math in 30 Days

Day by Day Study Plan for Test Prep

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PREVIEW

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Welcome, Math Superstar!

You're about to go on an amazing 30-day math adventure!

How This Book Works

- **One lesson each day** — just 25–35 minutes!
- **Learn the key concept** at the start of each day
- **Practice problems** help you master each topic
- **Daily challenges** push you to think harder
- **Check off each day** when you're done!
- **All 30 days are learning days** — no wasted time!

Tips for Success

- ✔ Study at the same time each day
- ✔ Find a quiet place to work
- ✔ Have pencils and scratch paper ready
- ✔ Don't skip days — even 10 minutes helps!
- ✔ Ask a grown-up if you get stuck

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Let's do this!

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How to Use This Book

Look for these special sections every day!

Today's Goals

Every day starts with a list of what you'll learn. These are your targets for the day!

Quick Lesson

The big idea explained in a short, easy lesson. Read this carefully before doing problems!

Daily Practice

Your turn! Try these problems on your own. They help you master each day's topic.

Daily Challenge

A brain-buster problem to push you further! Give it your best try — it's okay if it's tough.

Owlbert Says

Your owl friend Owlbert pops in with tips, tricks, and encouragement. Listen to Owlbert!

Bonus Lesson

Some editions include bonus topics for your state. Look for these teal boxes after certain days!

Day Complete!

At the end of each day, you'll see a celebration banner. Check it off on your Progress Tracker!

Watch Out!

Common mistakes to avoid. Everyone makes them — but now you won't!

Answers *to all practice problems are in the* ***Answer Key*** *at the back of the book!*

PREVIEW

Your 30-Day Plan

Here's everything you'll learn — one day at a time!

Days 1–8: Numbers & Computation

Day 1 Place Value: Ones, Tens, Hundreds
Day 2 Place Value: Thousands
Day 3 Comparing, Ordering & Even/Odd
Day 4 Rounding to Nearest 10 and 100
Day 5 Adding 3-Digit Numbers
Day 6 Subtracting 3-Digit Numbers
Day 7 Adding & Subtracting 4-Digit
Day 8 Estimating Sums & Differences

Days 9–16: Multiplication & Division

Day 9 Understanding Multiplication
Day 10 Multiplication Facts 0–10
Day 11 Multiply by 10/100 & Properties
Day 12 Understanding Division
Day 13 Division Facts & Relating ×/÷
Day 14 Missing Numbers & Word Problems
Day 15 Two-Step Word Problems
Day 16 Patterns in Tables

Days 17–20: Fractions

Day 17 Understanding Fractions
Day 18 Fractions on Number Line & Units
Day 19 Building & Equivalent Fractions
Day 20 Whole Numbers as Fractions & Comparing

Days 21–30: Measurement, Money, Data & Geometry

Day 21 Telling Time & Elapsed Time
Day 22 Measuring Length
Day 23 Mass, Weight & Liquid Volume
Day 24 Money: Counting, Adding, Subtracting
Day 25 Picture & Bar Graphs
Day 26 Line Plots
Day 27 2D Shapes & Attributes
Day 28 3D Shapes
Day 29 What Is Area? & Finding Area
Day 30 Perimeter & Partitioning Shapes

Contents

1 Numbers & Computation 1

Day 1: Place Value 2

2 Multiplication & Division 5

Day 9: Understanding Multiplication 6

PREVIEW

WEEK 1

Numbers & Computation

This Week's Days

Day 1: Place Value 2

DAY

1

Place Value

Today You Will Learn

- Know what ones, tens, and hundreds mean
- Write numbers in expanded form

Your Progress: Day 1 of 30

Let's make today count!

About 20 minutes

Key Concept

What Is Place Value? ***Place value*** *tells us how much a digit is worth based on* where *it sits.*

H	T	O
5	2	7

- **5** *in the* ***hundreds*** *place* $\rightarrow$ *worth* 500
- **2** *in the* ***tens*** *place* $\rightarrow$ *worth* 20
- **7** *in the* ***ones*** *place* $\rightarrow$ *worth* 7

Expanded form: $527 = 500 + 20 + 7$

What is the value of 8 in 482?

The 8 *is in the* ***tens*** *place, so it means* $8 \times 10 = 80$.

Answer: The value is 80.

> *Digits are like floors in a building — ones on floor 1, tens on floor 2, hundreds on floor 3!*

Practice Time!

1. *Write* 364 *in expanded form:* _____
2. *Write* 809 *in expanded form:* _____
3. *The value of* $\underline{3}$ *in* 358 *is* _____
4. *The value of* $\underline{4}$ *in* 742 *is* _____

5. $600 + 70 + 3 =$ _____

6. $400 + 20 + 9 =$ _____

Daily Challenge!

7. *My hundreds digit is 6, my ones digit is 3, and my tens digit is double my ones digit. What number am I?* _____

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WEEK

2

Multiplication & Division

This Week's Days

Day 9: Understanding Multiplication 6

DAY

9

Understanding Multiplication

Today You Will Learn

- Know that multiplication means equal groups
- Write multiplication sentences from pictures

Your Progress: Day 9 of 30

0%

Let's make today count!

About 20 minutes

Key Concept

What Is Multiplication? ***Multiplication*** *is a shortcut for* ***adding equal groups.***

3×4 *means "3 groups of 4."*

Instead of $4 + 4 + 4 = 12$*, we write* $3 \times 4 = 12$*.*

Group 1 *Group 2* *Group 3*

Key words: ***factor*** $\times$ ***factor*** $=$ ***product.*** $3 \times 4 = 12$*.*

5×3

5 *groups of* 3*:* $3 + 3 + 3 + 3 + 3 = 15$

Answer: $5 \times 3 = 15$

"Multiplication is just skip counting! 3×4 *means count by* 4*s three times:* $4, 8, 12$*!"*

Practice Time!

1. $4 \times 2 =$ _____
2. $3 \times 5 =$ _____
3. $6 \times 3 =$ _____
4. *Write a multiplication sentence: "7 groups of 2"* = _____
5. *There are* 4 *bags with* 5 *apples in each. How many apples total?* _____

6. Each table seats 6 students. There are 3 tables. How many students? _____

Daily Challenge!

7. You can write 24 as a product of two numbers in several ways. Find three different ways.

_____

PREVIEW

THANK YOU

Enjoyed This Preview?

Get the Full Book!

This preview shows just a small sample of what's inside.

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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