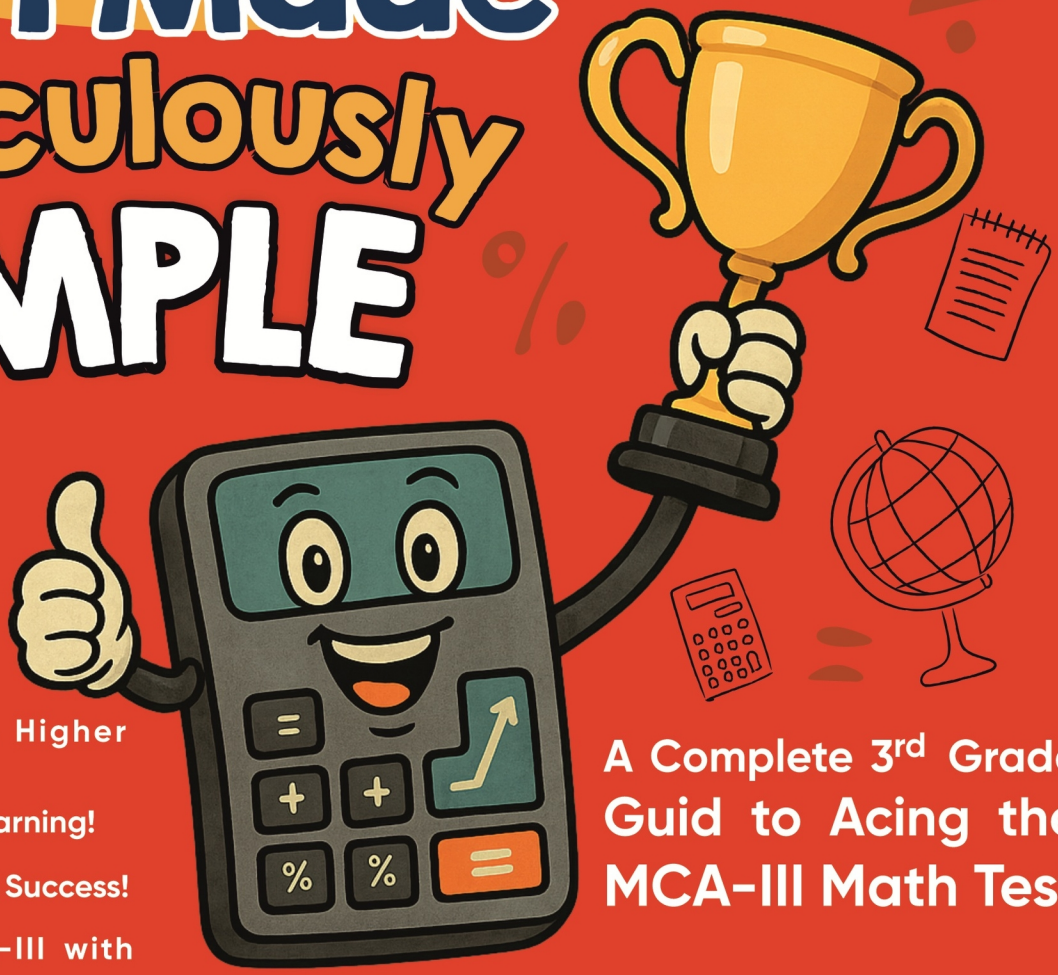
# Minnesota MCA-III Grade 3 Math Made Ridiculously SIMPLE



- Smarter Practice. Higher Scores.
- Fast, Fun, Focused Learning!
- Your Shortcut to Math Success!
- Conquer the MCA-III with

A Complete 3rd Grade Guid to Acing the MCA-III Math Test

Learn Faster · Understand Deeper · Succeed with Confidence

Reza Nazari

# Minnesota MCA-III Grade 3 Math Made Ridiculously Simple

*A Comprehensive 3rd Grade Guide to Acing MCA-III Math Test*



With Professor Owl!

Reza Nazari

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By the end of this book, you will be a

**Grade 3 Math SUPERSTAR!**



Topics Practice Tests

## What You'll Achieve:

- ✓ Master 31 important math topics
- ✓ Solve hundreds of practice problems
- ✓ Build confidence for test day
- ✓ Feel proud of your math skills!



*"You're going to be AMAZING!"*





Scan me, scan me! It's easy!

Scan Me

# Tips for Success

Here are some tips to help you do your best!

**Tip 1: Find a Quiet Place**

Find a quiet spot to study. Turn off the TV. Put away toys. This helps your brain focus on math!

**Tip 2: Take Your Time**

Do not rush! Read each problem carefully. Think before you write. Speed comes with practice.

**Tip 3: Show Your Work**

Always write down your steps. This helps you find mistakes. It also helps you remember what to do next time!

**Tip 4: Ask for Help**

If you are stuck, ask a parent, teacher, or friend for help. Asking questions is a great way to learn!

**Tip 5: Practice Every Day**

A little practice every day is better than a lot of practice once a week. Even 15 minutes a day makes a big difference!

**Tip 6: Believe in Yourself**

You can do this! Every math problem you solve makes you smarter. Believe in yourself and keep trying!



# You are capable of GREAT THINGS!





## Why You Can Do This:

- ★ **You have the power** to learn anything!
- ★ **Every student** starts at the beginning
- ★ **Practice makes you stronger** every day
- ★ **You're braver** than you think!



"Let's do this together!"

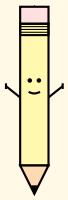




Math builder! Scan it!

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## Pip & Professor Owl's Math-Parts Chant



Pip

### Chant it to remember!

| | |
|---|---|
| **Addition** | *Addend + addend — add them up:* ***SUM****.* |
| **Subtraction** | *Minuend minus subtrahend — you find the* ***DIFFERENCE****.* |
| **Multiplication** | *Factor times factor — the answer is the* ***PRODUCT****.* |
| **Division** | *Dividend divided by divisor — your* ***QUOTIENT*** *pops out.* |

**Chorus (clap-clap):** *Know the parts, read it smart — math gets easier right from the start!*



Professor Owl





Ready?
Scan now!

Scan Me

# Number Chart 1–100

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

## Using the Number Chart

### Patterns to Notice:

- Numbers in each **row** increase by 1
- Numbers in each **column** increase by 10
- **Diagonal** patterns show adding 11 or 9

### Use It For:

- Counting forward and backward
- Skip counting (by 2s, 5s, 10s)
- Finding even and odd numbers
- Adding and subtracting

## Skip Counting Patterns

**Count by 2s:** 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30...

**Count by 5s:** 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70...

**Count by 10s:** 10, 20, 30, 40, 50, 60, 70, 80, 90, 100...

# Multiplication Table

| × | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| 3 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
| 4 | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 |
| 5 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| 6 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 |
| 7 | 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 |
| 8 | 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 |
| 9 | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |
| 10 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

## How to Use This Table

To find **4** × **7**:

1. Find **4** in the left column
2. Find **7** in the top row
3. Where the row and column meet is the answer: **28**




**Tip:** Memorize these facts! The more you practice, the faster you will know them by heart.





Want to win?
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