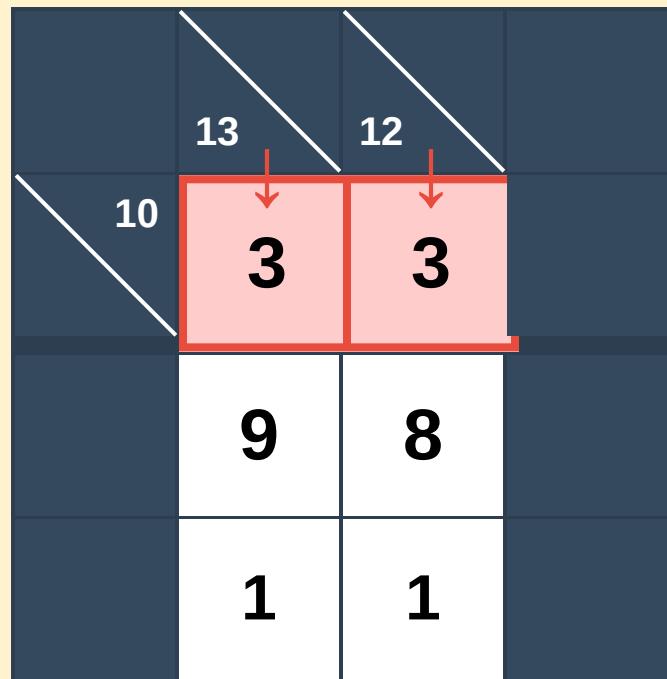


Diagram 6a: Troubleshooting (Part 1: Repeated Digits)

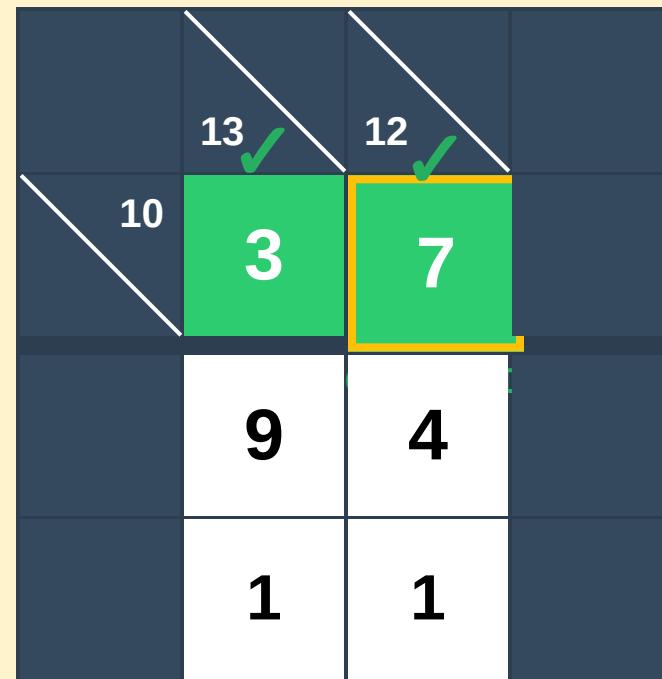
Real-World Scenario: You're solving a puzzle and suddenly the numbers don't work out. Time to become a detective! Let's look at the most common type of error: repeated digits.

⚠️ ERROR TYPE 1: Repeated Digit in Same Run

✗ WITH ERROR



✓ CORRECTED



🔍 THE PROBLEM:

ACROSS 10 has TWO 3s!

- $3 + 3 = 6$ (should be 10!) ✗
- Same digit used twice!

This violates Kakuro's #1 rule:

"No digit can repeat within the same run"

This is the most common mistake—always double-check for duplicates!

✓ THE FIX:

Changed second cell from 3 to 7

Verification:

- ACROSS 10: $3 + 7 = 10$ ✓
- All digits different ✓

Down runs also work:

- DOWN 13: $3 + 9 + 1 = 13$ ✓
- DOWN 12: $7 + 4 + 1 = 12$ ✓

Perfect! All runs satisfied ✓