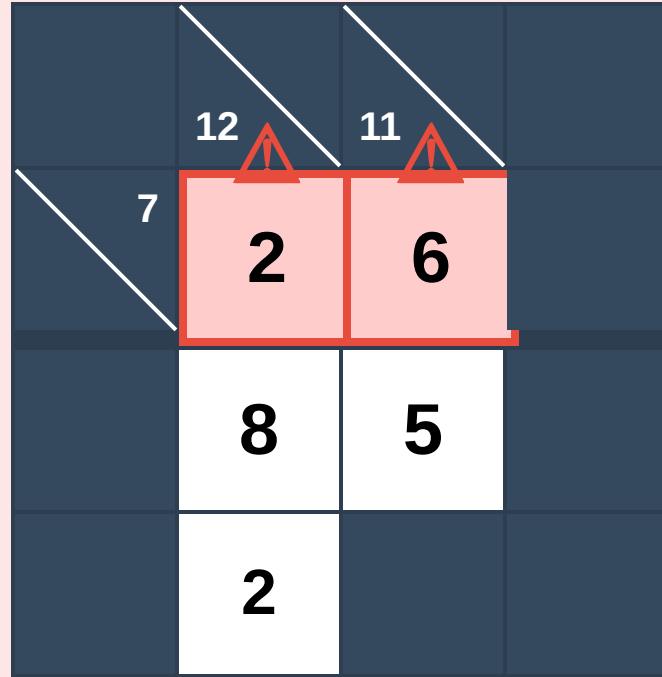


Diagram 6b: Troubleshooting (Part 2: Wrong Sums)

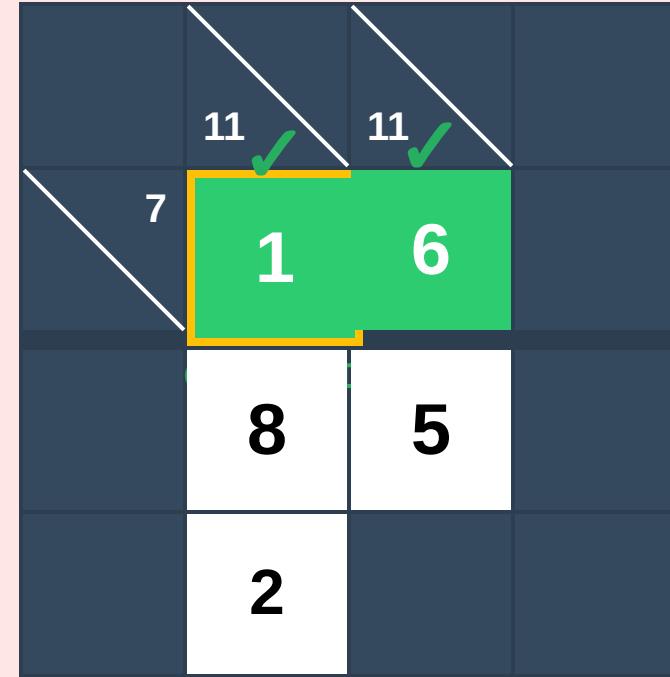
Another Common Error: Sometimes the sum simply doesn't add up correctly. Here's how to spot and fix it.

⚠️ ERROR TYPE 2: Sum Doesn't Add Up

✗ WITH ERROR



✓ CORRECTED



🔍 THE PROBLEM:

The sum is wrong!

- ACROSS 7 should be: $? + ? = 7$
- But we have: $2 + 6 = 8$ ✗
- That's 1 too much!

Let's check the DOWN runs too:

- DOWN 12: $2 + 8 + 2 = 12$ ✓
- DOWN 11: $6 + 5 = 11$ ✓

Wait—the DOWN runs add up correctly, but ACROSS 7 doesn't!

The error must be in the ACROSS run. One of these numbers is wrong.

✓ THE FIX:

Changed first cell from 2 to 1

Verification:

- ACROSS 7: $1 + 6 = 7$ ✓
- Sum is now correct!

Down runs also work:

- DOWN 11 (left): $1 + 8 + 2 = 11$ ✓
- DOWN 11 (right): $6 + 5 = 11$ ✓

Perfect! All sums are correct ✓

🎯 Error-Finding Strategy (works 95% of the time!):

- 1. Check your most recent entries first** - Errors usually happen in the last 10-15 cells you filled
- 2. Scan each completed run** - Add up the digits. Does it equal the clue? Any repeated digits?
- 3. Focus on intersections** - If two runs meet at a cell, both must be correct
- 4. Look for "impossible" situations** - If a cell needs to be two different digits, trace backwards
- 5. Take a break!** - Fresh eyes spot errors 10× faster. Step away for 5 minutes