



Why Is Math Such a Problem?

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Foundations to Fix It

I. Multiplication Tables

- A. They must be memorized.
- B. Use a one page sheet with 1 - 12 multiplication facts.

II. Fraction Fears

- A. Divide the Bottom, Multiply the top
- B. Just multiply the bottom if you can't divide the bottom

III. Integer Insanity

- A. Positive & Negative Numbers
 - 1. Same Sum, Different Difference
 - 2. Answer will always be same sign as the bigger number

IV. Decimals, Fractions, Percentages

- A. Use money to make the simple connections between fractions and decimals.
- B. Move decimal point over twice to the right to make a percent out of a decimal.

V. Algebra at an Early Age

- A. $4 + _ = 10$ is the same as $4 + X = 10$
- B. Teach them how to solve for the space or box.
- C. Use opposite operations to solve for any variable (letter).

VI. Mental Calculations

- A. Mental Math drills work.

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