

Here are my rules. You may change them or add to them, or choose not to use some. I include an example on some of them for the kids to have a visual when they are working on problems. Remember to combine 2-4 of these rules and pick a number for the kids to reach while following your rules.

I gave examples for the number 32. (Don't forget to turn on the overhead for kids to add great problems to while they work. Let them know that they may write a question mark next to a problem that doesn't follow rules or has an incorrect answer.)

### Today's Number Rules: Example Number 32

You may not use any EVEN numbers in your problems.

$$15 + 31 - 3 - 1 - 15 + 5 = 32$$

You may not use 5, 10, or ZERO in your problems.

$$(3 \times 7) + 21 - 7 - 3 = 32$$

You must use both addition and subtraction in your problems.

$$35 - 15 + 12 = 32$$

You must use multiplication in your problems.

$$(5 \times 5) - 12 + 10 + 9 = 32$$

You must use DIVISION in each of your problems.

$$12 + (25 \text{ (divided by) } 5) + 20 - 5 = 32$$

You may only use each number (not digit) once in each

**problem:** This eliminates the possibility of adding a number and then subtracting it to get back to zero.

You must use all 2-digit numbers in your problems.

$$86 - 12 + 11 - 53 = 32$$

You must use at least one 3-digit number in your problems.

$$126 + 106 - 100 = 32$$

You must have at least five numbers in each of your problems.  $7 + 12 + 3 + 7 + 3 = 32$

You must include a fraction, decimal, or percent in your problems:  $(100 \times .50) - (25\% \text{ of } 100) + 7 = 32$