

## Four 4's

Use four 4's to make equations that equal all the numbers from 1-50.

You must use each 4 exactly once, and can use any operation. You can also use 'square root' and other algebraic symbols.

For example:

$$4 / 4 + (4 - 4) = 1$$

$$4 + 4 + 4 / 4 = 9$$

Parentheses ( ) operations +, -, x, ÷

Fractions  $\frac{4}{4}$

Exponents  $4^4$

Square root  $\sqrt{4}$

factorial  $4! = 4 \times 3 \times 2 \times 1$

absolute value  $|-4| = 4$