Order of Operations

1. Parentheses	Do what is inside parentheses first.
2. Exponents and square roots	Evaluate powers and roots next.
3. Multiplication and division	Move left to right.
4. Addition and subtraction	Move left to right.

Parentheses First

$$(2+5)^2-(3)(4)=$$

$$(8-3)^2+(6)(4)=$$

$$\frac{(2+3)^2-(-1+11)^2}{5}=$$

$$(10-4)^2-(5)(3)=$$

Exponents and Square Roots

$4^2 + \sqrt{81} - 6 =$

$(5^2 - 3^2) + \sqrt{64} =$

$(3^2 + 4^2) - \sqrt{100} =$

$2^3 + (6 - 1)^2 - \sqrt{49} =$

Fraction Bars Mean Divide

Everything above the bar is grouped together. Everything below the bar is grouped together.

$$\frac{(2+5)^2-(3)(4)}{2}=$$

$$\frac{(-2+8)^2+4(5)}{7}=$$

$$\frac{(10-4)^2-\sqrt{36}}{6}=$$

$$\frac{7-2^2+15}{5}=$$

Order of Operations

$(4+3)^2-(2)(6)=$

$\frac{(2+3)^2-(-1+11)^2}{5}=$

$8+(3)(5)-2^2=$

$(6-2)^3-(5)(9)=$

$(-3+9)^2-(4)(5)=$

$(10-4)^2-\sqrt{81}=$

$\sqrt{144}+3^2-(2)(7)=$

$2^5-(3)(7)+(-4)=$