

Summary of Rules

Addition

Rule 1: Two positive numbers, take the sum of their absolute values, the answer is positive.

Rule 2: Two negative numbers, take the sum of their absolute values, the answer is negative.

Rule 3: One positive, one negative, take the difference between their absolute values, use the sign of the number with the greater absolute value.

Subtraction

Rule 4: Change the sign of the subtrahend and add using rule 1, 2, or 3, whichever applies.

Multiplication/Division

Rule 5: Two numbers with the same sign are positive.

Rule 6: Two numbers with different signs are negative.
