

Addition Rules

Evens - When you add two even numbers, the sum is even.

Odds - When you add two odd numbers, the sum is even.

Evens & Odds - When you add an even number and an odd number, the sum is odd.

0 - When you add 0 to a number, the number stays the same.

1 - When you add 1 to a number, the sum is the next number on the number line.

2 - When you add 2 to an even number, the sum is the next even number on the number line.

When you add 2 to an odd number, the sum is the next odd number on the number line.

Doubles - Sums to doubles are always even.

Number Neighbors - When you add number neighbors, the sum is always odd. To add two number neighbors double the smaller number and add 1.

9 - To add 9 to a number, first subtract 1 from the number and put a 1 in front of that answer.

Subtraction Rules

Number Neighbors - When you subtract a smaller number neighbor from a larger number neighbor, the difference is always 1.

When you subtract a larger number neighbor from a smaller number neighbor in the same place value and you can barrow, the difference is always nine.

1 - When you subtract 1 from a number, the difference is the smaller number neighbor.

2 - When you subtract 2 from an even number, the difference is the next smaller even number.

When you subtract 2 from an odd number, the difference is the next smaller odd number.

When you subtract two closest even numbers, the difference is 2.

When you subtract two closest odd numbers, the difference is 2.