

**ADDITION OF RATIONAL NUMBERS** शुद्ध संख्याएँ  
BY सरिता

1. If a and b are two rational numbers and  $a + b = c$ , then  $c$  is called the sum of a and b.
2. To add two rational numbers, first convert them into like fractions.
3. The sum of two rational numbers is a rational number.
4. The sum of two rational numbers is commutative, i.e.,  $a + b = b + a$ .
5. The sum of two rational numbers is associative, i.e.,  $(a + b) + c = a + (b + c)$ .

**SUBTRACTION OF RATIONAL NUMBERS** शुद्ध संख्याएँ  
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6. If a and b are two rational numbers and  $a - b = c$ , then c is called the difference of a and b.
7. To subtract two rational numbers, first convert them into like fractions.
8. The difference of two rational numbers is a rational number.
9. The difference of two rational numbers is commutative, i.e.,  $a - b = -(b - a)$ .

