= 6 =

1 + 5 = 1 + (2 + 3) .

 When addition is used together with other operations , the order of operations becomes important . In the standard order of operations , addition is a lower priority than exponentiation , nth roots , multiplication and division , but is given equal priority to subtraction .

= = = Identity element = = =

 When adding zero to any number , the quantity does not change ; zero is the identity element for addition , also known as the additive identity . In symbols , for any a ,