

Addition and Subtraction Strategies

Kindergarten	Add/Subtract 1 Add 1: When 1 is added to a quantity, the sum is the next counting number Subtract 1: When 1 is subtracted from a quantity, the difference is the previous counting number Examples: $5 + 1$ $16 + 1$ $4 - 1$ $18 - 1$	Add/Subtract 0 Add zero: When 0 is added to a quantity, the sum is the same amount Subtract zero: When 0 is subtracted from a quantity, the difference is the same amount Examples: $7 + 0$ $13 + 0$ $2 - 0$ $15 - 0$		
1 st Grade	Add/Subtract 2 Add 2: When 2 is added to a quantity, the sum is two counting numbers past the quantity Subtract 2: When 2 is subtracted from a quantity, the difference is the number that is two before the quantity Examples: $6 + 2$ $14 + 2$ $9 - 2$ $16 - 2$	Doubles/Halves Doubling: The sum of joining two equal groups Halving: Separating a quantity into two equal groups Examples: $4 + 4$ $10 + 10$ $12 - 6$ $16 - 8$		
	Make 10/Subtract from 10 Make 10: Two numbers are combined to equal 10 Subtract from 10: a number is subtracted from 10 Examples: $2 + 8$ $6 + 4$ $10 - 3$ $10 - 5$	Differences of 1 When 2 numbers are subtracted the difference is 1 Examples: $7 - 6$ $13 - 12$	Differences of 2 When 2 numbers are subtracted the difference is 2 Examples: $9 - 7$ $15 - 13$	
2 nd Grade	Using Doubles/Using Halves Using Doubles: The sum of joining two equal groups plus an additional one more Using Halves: Separating a quantity into two equal groups and an additional one Examples: $5 + 6$ $9 + 8$ $11 - 5$ $17 - 8$	Adding 10/Subtracting 10 and Making Differences of 10 Adding 10: Adding 10 to any single-digit number will result in a teen number. Subtracting 10: Subtracting 10 from a teen number will result in the number of ones in the ones place. Making Differences of 10: Subtracting the amount of ones in the ones place of a teen number will result in a difference of 10. $10 + 4$ $10 + 9$ $13 - 10$ $18 - 10$ $15 - 5$ $19 - 9$	Using 10 to add/Using 10 to Subtract Using 10 addition: Break apart one addend and add a part to the other addend to make ten Using 10 subtraction: Subtract ten and then add a part back in according to the problem Examples: $8 + 5$ $9 + 6$ $13 - 9$ $15 - 8$	