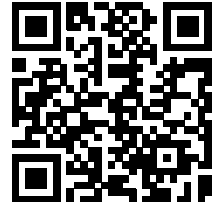


name: class: date:

Arithmetic



Arithmetic is the branch of _____ that deals with numbers and the basic operations of addition, subtraction, multiplication, and _____. It's a fundamental part of our daily lives, from calculating the total cost of groceries to determining the _____ between two cities. Understanding arithmetic is crucial for further studies in _____ and other sciences. Numbers are the building blocks of arithmetic. They can be whole numbers, _____, or decimals, and each has its unique properties and uses. The first operation, _____, is the process of combining two or more numbers to get a new total. For instance, adding 2 and 3 gives us 5. _____ is the opposite of addition, where a number is taken away from another. For example, if we subtract 2 from 5, we get 3. _____ is a shortcut for repeated addition. Multiplying 2 by 3 means adding 2 three times, which equals 6. _____ is the process of splitting a number into equal parts. Dividing 6 by 3 results in 2, as 6 is split into 3 equal parts of 2 each. These _____ are not just limited to whole numbers. They can be applied to fractions and decimals too, allowing for a wide range of _____. Mastering these basic operations lays the foundation for more advanced mathematical concepts like algebra, geometry, and _____. Arithmetic is not just about solving problems; it also helps develop logical thinking and problem-solving _____. It's a fascinating subject that opens the door to a world of possibilities in science, technology, _____ and mathematics.

calculus division mathematics fractions distance calculations Division
engineering addition skills Subtraction Multiplication mathematics
operations