

Multiplication Terms Study Sheet

1. product The result of multiplying two or more numbers.
2. factor A number that divides another number without leaving a remainder.
3. multiplication The mathematical operation of combining numbers by repeated addition.
4. equation A mathematical statement that shows two expressions are equal.
5. digit A numerical symbol used in our base-10 number system (0-9).
6. array An arrangement of objects or numbers in rows and columns.
7. multiplier The number by which another number is multiplied.
8. commutative A property of multiplication where the order of factors does not affect the result.
9. distributive A property of multiplication over addition, e.g., $a(b + c) = ab + ac$.
10. product rule A formula for finding the derivative of a product of two functions in calculus.
11. exponent A number that represents how many times a base is multiplied by itself.
12. identity element In multiplication, the number 1, which leaves other numbers unchanged.
13. prime factorization Expressing a number as a product of its prime factors.
14. times table A chart or list showing the results of multiplying numbers from 1 to 10 by other numbers.