

Scientific notation

Science



The value is reduced to 3×10^8 in scientific notation where 8 is a power of 10 that signifies the count of zeros responsible for the number's lengthy structure.

Why are solving equations important to know in everyday life?

Basically, equations consist of variables that are normally combined with constants to form a specific relation between quantities that possess individual meanings such as cost (in dollars), number of years, population, number of items, or even revenue. Variables may be dependent or independent but by solving a system of equations, these unknown variables may be determined. In everyday life, when equations are solved, one is able to find out exact solutions of two functions whose intersection could mean a break-even point or a point where one relation bears equal advantage to the other. Obtaining real solutions in a process is essential in fields such as physics, chemistry, and other sciences that apply equations inset.