

Mathematical Equations

Equation of the Line: $y=mx+c$

Quadratic Equation: $ax^2+bx+c=0$

Pythagoras Theorem: $a^2+b^2=c^2$

Einstein's Equation: $E=mc^2$

Chemical Equations

Photosynthesis: $6CO_2+6H_2O \rightarrow C_6H_{12}O_6+6O_2$

Water Formation: $2H_2+O_2 \rightarrow 2H_2O$

Rusting of Iron: $4Fe+3O_2+6H_2O \rightarrow 4Fe(OH)_3$

Combustion of Methane: $CH_4+2O_2 \rightarrow CO_2+2H_2O$