

MATTER AND MEASUREMENT

The International System of Units

Santillana

Characteristics of units

For units to be useful, they must be constant, universal and easy to reproduce.

The International System of Units (SI)

The International System of Units (SI) was established in order to make understanding easier within the scientific community.

Basic quantities

The SI has seven base quantities: length, time, mass, temperature, current intensity, luminous intensity and amount of substance.

Derived quantities

It also has derived quantities, which can be expressed and calculated in terms of basic quantities.