

**base quantity**

One of the quantities that, in a system of quantities, are conventionally accepted as functionally independent of one another.

In the SI, these are: *length*, *mass*, *time*, *electric current*, *temperature*, *amount of substance*, and *luminous intensity*. All other physical quantities (and units) are regarded as being derived from these base quantities (and *base units*).

1996, 68, 963; 1986, 58, 1406