Units of Measure and Weight. Symbols in the Text

The most often used Czech units include:

* units of weight: kilogram (kg), gram (g), dekagram (dkg)
* units of length: metr (m), kilometr (km), centimetr (cm), milimetr (mm)
* units of temperature: stupeň Celsia (°C)
* units of speed: kilometr za hodinu (km/h), metr za sekundu (m/s)
* units of area: metr čtvereční (m2)
* units of volume: metr krychlový (m3), litr (l), decilitr (dcl)

The decimal numbers are read in this way: after the cardinal numeral denoting the whole number, the adjective celý is added, this is:

* after the numeral jedna, the form celá is used (in the nominative singular feminine)
* after the numerals dvě, tři, čtyři, the form celé is used (in the nominative plural feminine)
* after the numeral pět and higher, the form celých is used (the genitive plural)

If the decimal number is smaller than one, the numeral nula or the pronoun žádná with the adjective celá (in the nominative singular feminine) is used.

The decimal numbers are expressed by the cardinal numbers:

|  |  |  |  |
| --- | --- | --- | --- |
| 0,1 | nula celá jedna = žádná celá jedna | 2,0 | dvě celé = dvě celé nula |
| 0,02 | nula celá nula dva = žádná celá nula dva | 2,1 | dvě celé jedna |
| 0,67 | nula celá šedesát sedm | 2,2 | dvě celé dva |
| 1,0 | jedna celá = jedna celá nula | 2,3 | dvě celé tři |
| 1,1 | jedna celá jedna | 3,5 | tři celé pět |
| 1,2 | jedna celá dvě | 4,8 | čtyři celé osm |
| 1,3 | jedna celá tři | 5,7 | pět celých sedm |
| 1,4 | jedna celá čtyři | 10,67 | deset celých šedesát sedm |
| 1,5 | jedna celá pět | 136,01 | sto třicet šest celých nula jedna |
| 1,6 | jedna celá šest |  |  |
| 1,7 | jedna celá sedm |  |  |
| 1,8 | jedna celá osm |  |  |
| 1,9 | jedna celá devět |  |  |

The noun is connected to the unit in the genitive:
kilo sýra
čtvrt kila másla
dvacet deka salámu
metr látky
litr mléka

Currencies change the grammar form like a counted noun:
jedna koruna + the nominative singular
dvě koruny, tři koruny, čtyři koruny + the nominative plural
pět korun, šest korun, sedm korun, deset korun, sto korun + the genitive plural

Symbols in the Text

|  |  |  |  |
| --- | --- | --- | --- |
| @ | zavináč | + | plus |
| § | paragraf | − | minus |
| € | euro | × | krát |
| $ | dolar | ± | plus minus |
| \* | hvězdička (a sign for birth) | : | děleno |
| † | křížek (a sign for death) | = | rovná se |
| % | procento | ∅ | průměr |
| ‰ | promile | ∞ | nekonečno |

In some texts, also the Greek alphabet letters appear, the most often used ones are read like this:

|  |  |
| --- | --- |
| α | alfa |
| β | beta |
| γ | gama |
| δ | delta |
| μ | mý |
| π | pí |
| ρ | ró |
| ψ | psí |
| ω | omega |

In some texts, the Roman numerals are used, for example in the numbering of chapters:

| **Roman numeral** | **Arabic numeral** | **Roman numeral** | **Arabic numeral** |
| --- | --- | --- | --- |
| I | 1 | XI | 11 |
| II | 2 | XII | 12 |
| III | 3 | XIII | 13 |
| IV | 4 | XIX | 19 |
| V | 5 | XXIX | 29 |
| VI | 6 | XL | 40 |
| VII | 7 | L | 50 |
| VIII | 8 | C | 100 |
| IX | 9 | D | 500 |
| X | 10 | M | 1000 |

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