UEB "Cheat Sheet"

Additional symbols and indicators can be found in Rules of Unified English Braille (the Rulebook). References to the relevant sections follow the headings in square brackets. For technical materials, use Guidelines for Technical Material. Both UEB documents are available for download from www.iceb.org/ueb.html.

**Contractions**

Follow print spacing of words. Do not join (or "cuddle") words.

Contractions no longer used in UEB:

ble com dd ally ation to into by o'clock

**UEB Prefixes [2.1]**

The following braille characters are prefixes: `@ ^ _ " . ; , #`

All other braille characters (including the space) are roots.

**Punctuation [7]**

ellipsis ... 444 'single quotes' ,8s+le quotes,0
Parentheses and Brackets:
(round) "<r.d>" [square] .<squ>e.>
<brangle> @<angle@> {curly} _<curly_>
dash — , _ long dash —— "-," underscore _ . -

**Capitalization Indicators [8]**

prefix for capital letter , word ,, passage „„ terminator ‚

**Grade 1 Indicators [5]**

symbol ; word ;; passage ;; terminator ;

**Typeform Indicators [9]**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Word</th>
<th>Passage</th>
<th>Terminator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italic</td>
<td>.2</td>
<td>.1</td>
<td>.7</td>
</tr>
<tr>
<td>Bold</td>
<td>^2</td>
<td>^1</td>
<td>^7</td>
</tr>
<tr>
<td>Underlined</td>
<td>_2</td>
<td>_1</td>
<td>_7</td>
</tr>
</tbody>
</table>

**Accent Examples [4.2]**

acute above  é ^/e
diaeresis (umlaut) above  à ^3a
cedilla below  ç ^&c
grave above  è ^*e
circumflex above  ū ^%u
tilde above  ň ^]n

**Computer Notation [3.7, 7, 10.12.3, 11.10]**

at sign @ @a
backslash \ _* dot (period) . 4
Use contractions in embedded computer notation such as email addresses.

**Numbers [6]**

Numeric indicator # carries over:

- digits
- decimal (period) 4
- comma 1
- numeric space "
- simple fraction line /
- line continuation indicators " and ""

**Miscellaneous Symbols [3]**

- asterisk * "9
- bullet • _4
- cent ¢ @c
- degree ° ^j
- dollar $ @s
- percent % .0

**Basic Arithmetic [3.17]**

- plus + "6
- minus − "-
- multiplication × "8 equals = "7
division ÷ "/

**Fractions [11.3]**

- simple numeric fraction line /
- general fraction open and close ()
- general fraction line ./

**Subscripts and Superscripts [11.4]**

- level change down (subscript, base) 5
- level change up (superscript, exponent, power) 9
- braille grouping open and close < >

**Other Technical [3.17, 4.5, 11.5, 11.6, 11.9]**

- less than < @<
greater than > @>
- Greek letter pi π .p
- radical (square root) open and close √ % +
- right arrow → \0

**Spatial Arrangements [6.8, 6.9]**

- horizontal line mode indicator "3
- horizontal line segment 3
- vertical line segment _
- numeric passage indicator ##
- numeric terminator #'