Common Nemeth Symbols

Operation

+	⠬
-	⠤
×	⠈⠡
•	⠡
÷	⠨⠌
±	⠬⠤
∓	⠤⠬
+-	⠬⠐⠤
-+	⠤⠐⠬
--	⠤⠐⠤

Comparison

=	⠨⠅
≠	⠌⠨⠅
≅	⠈⠱⠨⠅
≡	⠸⠸
>	⠨⠂
≥	⠨⠂⠱
<	⠐⠅
≤	⠐⠅⠱
::	⠰⠆
:	⠐⠂
~	⠈⠱
≈	⠈⠱⠈⠱
⊥	⠫⠏
‖	⠫⠇

Grouping

(	⠷
)	⠾
[	⠈⠷
]	⠈⠾
{	⠨⠷
}	⠨⠾
|	⠳
‖	⠳⠳
Enlarge, add	⠠

Miscellaneous

, [math comma]	⠠
. [decimal]	⠨
/	⠸⠌
¢	⠈⠉
$	⠈⠎
%	⠈⠴
√ [radical]	⠜
° [hollow dot]	⠨⠡
∫ [integral]	⠮
! [factorial]	⠿
@	⠈⠁
∞	⠠⠿
General omission	⠿

Indicators

Punctuation	⠸
English letter	⠰
Greek letter	⠨
Script	⠈
Boldface	⠸
Italic	⠨
Open Bold	⠠⠠⠸
Close Bold	⠸⠠⠠
Open Italic	⠠⠠⠨
Close Italic	⠨⠠⠠
Transcriber's note	⠠⠠
Superscript	⠘
Subscript	⠰
Baseline	⠐
Multipurpose	⠐
Directly over	⠣
Directly under	⠜
Termination	⠻
Simple Fraction:	
Opening	⠹
Closing	⠼
Horizontal line	⠌
Diagonal line	⠸⠌
Mixed Number:	
Opening	⠸⠹
Closing	⠸⠼

Shape

Shape	⠫
∠	⠫⠣
→	⠫⠕
	⠫⠐⠐⠕
←	⠫⠣⠐⠐
↔	⠫⠣⠐⠐⠕
○	⠫⠉
□	⠫⠲
■	⠫⠸⠲
△	⠫⠎
☆	⠫⠎
★	⠫⠸⠎

Set Theory

∪	⠨⠬
∩	⠨⠩
⊂	⠸⠐⠅
⊃	⠸⠨⠂
∈	⠈⠑
R	⠠⠗
∋	⠈⠣

Reference

*	⠈⠼
†	⠸⠹
‡	⠸⠸⠹
¶	⠈⠠⠏
§	⠈⠠⠎
☆	⠫⠎
General	⠈⠻

Refer to *The Nemeth Code for Mathematics and Science Notation 1972 Revision* for complete information.

Braille to ASCII Conversion

A	N	=	&	#
B	O	(	1	>
C	P	!	2	'
D	Q	)	3	-
E	R	*	4	@
F	S	<	5	^
G	T	%	6	_
H	U	?	7	"
I	V	:	8	.
J	W	$	9	;
K	X	]	0	,
L	Y	\	/	
M	Z	[	+	

Contractions NOT USED:
Before or after
1. comparison
2. operation
3. slash

With Grouping:
One-cell Alphabet
whole word
Whole-word lower sign
Whole- or part-word
and, for, of, the, with

Format
1. Directions 5-3
2. Exercise 1-3
3. Exercise w/subdivisions 1-5, 3-5
4. Display to text 3-5
5. Display to exercise 5-7
6. Display to exercise w/subdivisions 7-9

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Five-step Modification
1. Multipurpose indicator
2. Expression
3. Directly over/under indicator
4. Modifying symbol
5. Termination indicator

Prepared 10/96 by:
Buntrock Associates, Inc.

a b c d e f g h i j k l m

n o p q r s t u v w x y z

about
above
according
across
after
afternoon
afterward
again
against
ally
almost
already
also
although
altogether
always
ance
and
ar
as
ation

---

bb
be
because
before
behind
below
beneath
beside
between
beyond
ble
blind
braille
but
by

---

can
cannot
cc
ch
character
child
children
com
con
conceive
conceiving
could

---

day
dd
deceive
deceiving
declare
declaring
dis
do

---

ea
ed
either
en
ence
enough
er
ever
every

---

father
ff
first
for
friend
from
ful

---

gg
gh
go
good
great

---

had
have
here
herself
him
himself
his

---

immediate
in
ing
into
it
its
itself
ity

---

just

---

know
knowledge

---

less
letter
like
little
lord

---

many
ment
more
mother
much
must
myself

---

name
necessary
neither
ness
not

---

o'clock
of
one
oneself
ong
ou
ought
ound
ount
ourselves
out
ow

---

paid
part
people
perceive
perceiving
perhaps

---

question
quick
quite

---

rather
receive
receiving
rejoice
rejoicing
right

---

said
sh
shall
should
sion
so
some
spirit
st
still
such

---

th
that
the
their
themselves
there
these
this
those
through
thyself
time
tion
to
today
together
tomorrow
tonight

---

under
upon
us

---

very

---

was
were
wh
where
which
whose
will
with
word
work
world
would

---

you
young
your
yourself
yourselves

Prepared by:
Buntrock Associates, Inc.

accent sign
capital sign,
  single
  double
italic sign
  single
  double
letter sign
number sign
termination
  sign

---

apostrophe '
asterisk *
bracket,
  opening [
  closing]
colon :
comma ,
dash
  single --
  double
decimal point .
ditto "
ellipsis ...
exclamation
  point !
hyphen -
line sign |
oblique
  stroke /
parenthesis,
  opening (
  closing)
period .
question
  mark ?
quotation, double
  opening "
  closing "
quotation, single
  opening '
  closing '
semicolon ;

Braille to ASCII Conversion

A	N	=	&	#
B	O	(	1	>
C	P	!	2	'
D	Q	)	3	-
E	R	*	4	@
F	S	<	5	^
G	T	%	6	_
H	U	?	7	"
I	V	:	8	.
J	W	$	9	;
K	X	]	0	,
L	Y	\	/	
M	Z	[	+	

Order With Punctuation

Open parenthesis or bracket
Open quotation sign
Italic sign
Non-Latin letter indicator
Print symbol indicator
Letter sign
Apostrophe
Capital sign
Accent sign

Order With Numbers

Open parenthesis or bracket
Open quotation sign
Italic sign
Print symbol indicator
Number sign
Apostrophe
Decimal sign

5/21/96