

CEIL**PURPOSE**

Return the integer portion of a number or variable rounded to positive infinity.

SYNTAX

LET <y2> = CEIL(<y1>) <SUBSET/EXCEPT/FOR qualification>

where <y1> is a variable or a parameter;

<y2> is a variable or a parameter (depending on what <y1> is) where the computed integer values are stored;
and where the <SUBSET/EXCEPT/FOR qualification> is optional.

EXAMPLES

```
LET A = CEIL(2.83)
LET X2 = CEIL(X1)
LET X2 = CEIL(X1-4.2)
```

DEFAULT

None

SYNONYMS

None

RELATED COMMANDS

FLOOR	=	Compute the integer value rounded to negative infinity.
INT	=	Compute the integer value rounded to zero.
SIGN	=	Compute the sign of a number.
FRACT	=	Compute the fractional portion of number.
MSD	=	Compute the most significant digit of a number.
ROUND	=	Round to the closest integer of a number.

APPLICATIONS

Elementary function

IMPLEMENTATION DATE

95/4

PROGRAM

TITLE AUTOMATIC

PLOT CEIL(X) FOR X = -5 0.01 5

