

**OCTDEC****PURPOSE**

Perform an octal to decimal conversion of an integer number.

**SYNTAX**

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

where <y1> is an integer number, parameter, or variable;

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

**EXAMPLES**

LET A = OCTDEC(14)

LET A = OCTDEC(A1)

**DEFAULT**

None

**SYNONYMS**

None

**RELATED COMMANDS**

DECOCT = Perform decimal to octal conversion.

**APPLICATIONS**

Base conversion

**IMPLEMENTATION DATE**

Pre-1987

**PROGRAM**

LET Y1 = DATA 0 1 2 3 4 5 6 7 10 11 12 13 14 15 16 17 20

LET Y2 = OCTDEC(Y1)

SET WRITE DECIMALS 0; PRINT Y1 Y2 FOR I = 1 1 19

The following output is generated.

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
10	8
11	9
12	10
13	11
14	12
15	13
16	14
17	15
20	16