

Table E-4

Hexadecimal to negative decimal conversion

Digit	\$x000	\$\$0x00	\$\$00x0	\$\$\$000x
F	0	0	0	-1
E	-4096	-256	-16	-2
D	-8192	-512	-32	-3
C	-12288	-768	-48	-4
B	-16384	-1024	-64	-5
A	-20480	-1280	-80	-6
9	-24576	-1536	-96	-7
8	-28672	-1792	-112	-8
7		-2048	-128	-9
6		-2304	-144	-10
5		-2560	-160	-11
4		-2816	-176	-12
3		-3072	-192	-13
2		-3328	-208	-14
1		-3584	-224	-15
0		-3840	-240	-16

To perform this conversion, write down the four decimal numbers corresponding to the four hexadecimal digits (zeros included). Then add their values. The resulting number is the desired negative decimal number.

For example:

```

$C010 = - ?
$C000: -12288
$ 000: - 3840
$  10: -  224
$   0: -   16

```

\$C010 -16368

To convert a negative-decimal number to a positive decimal number, add it to 65,536. (This addition ends up looking like subtraction.)

For example:

```

-151 = + ?
65536 + (-151) = 65536 - 151 = 65385

```

To convert a negative-decimal number to a hexadecimal number, first convert it to a positive decimal number, then use Table E-3.