

**WRITE DECIMALS (SET)****PURPOSE**

This commonly used command specifies the number of digits to print to the right of the decimal point in subsequent WRITE commands.

**SYNTAX**

```
SET WRITE DECIMALS <n>
```

where <n> is an integer number or parameter that specifies the number of digits.

**EXAMPLES**

```
SET WRITE DECIMALS 2
SET WRITE DECIMALS 1
SET WRITE DECIMALS
```

**NOTE 1**

Entering SET WRITE DECIMALS with no arguments reverts writes back to the default of exponential format.

**NOTE 2**

The SET WRITE FORMAT command can be used for even greater control over the output format.

**NOTE 3**

For integer output, enter SET WRITE DECIMAL 0.

**DEFAULT**

Data dependent

**SYNONYMS**

None

**RELATED COMMANDS**

WRITE	=	Writes data to the terminal or to a file.
WRITE REWIND	=	Specify file rewind when writing to file.
WRITE FORMAT	=	Specify a Fortran-like format for writing data.

**APPLICATIONS**

Data output

**IMPLEMENTATION DATE**

88/3

**PROGRAM**

```
LET Y1 = NORMAL RANDOM NUMBERS FOR I = 1 1 100
WRITE RANDOM.DAT Y1
SET WRITE DECIMALS 2
WRITE RANDOM2.DAT Y1
LIST RANDOM.DAT
LIST RANDOM2.DAT
```