In the Liberty BASIC Helpfile, look in the category "Language Syntax and Usage" and find the sub-category called "Mathematics." The topics covered include:

- Mathematics
- Numeric Variables
- Mathematical Operations
- Trigonometry
- Numbers and Strings
- Date and Time Functions

Mathematics tells you how to manipulate numbers and numeric expressions using arithmetic, including addition, subtraction, division, multiplication, absolute value and scientific notation. It also includes links to these individual math functions:

- SIN
- COS
- TAN
- ASN
- ACS
- ATN
- ABS
- EXP
- LOG
- HEXDEC
- DECHEX$
- INT
- MAX
- MIN
- MOD
- RND
- SQR
- VAL
- STR$
- USING

Numeric Variables discusses numeric variable use, negative numbers as variables, and global variables.

Mathematical Operations gives an overview of math operations, including ABS(), SQR(), EXP(), LOG(), INT(), MAX(), MIN(), MOD, RND() and RANDOMIZE

Trigonometry shows you which trig functions are supported in Liberty BASIC and how to use them. It also discusses the conversion between degrees and radians.

Numbers and Strings explains the ways numbers can be converted to string and vice versa, as well as

formatting numbers with the USING() function.

Date and Time Functions lists the various functions that return the system time, the date, and it explains how to do math on dates.