

Integer Arithmetic

- [Carl Gundel](#)

Table of Contents

[Integer Arithmetic](#)

[Integer](#)

[Floating Point](#)

[Convert Float to Integer](#)

Integer

Liberty BASIC defaults to integer arithmetic unless you do something that produces a floating point result. For example:

```
a = 3 + 4 'integer calculation  
for x = 1 to 10 'integer calculation
```

Floating Point

Or floating point:

```
a = 0.3 + 0.4 'floating point
```

Convert Float to Integer

If a floating point result has a zero fractional part (this doesn't happen too often), then LB will convert it to an integer number on assignment. This is dependent on the math processor, and probably other variables.

```
a = 0.3 + 0.7 'may become an integer on assignment
```

-Carl