Digit

Digit

L or l

F or f

E or e

E or e

Digit

Digit

point

digit

point

Long Double/success

Float/success

Exponent/success

Failed

Digit

Digit

Digit

Digit

Digit

Failed

Failed

+ or -

+ or -

+ or -

Failed

Failed

Failed

Failed

Failed

Failed

Failed

Whole

Long w/ sign

long

Float w/ sign

Exponent with sign

Float

Fractional

Not whole

Exponent

Start