

Tens of Tens
 10×10

—
—

Hundreds
100

Tens of Hundreds
 10×100

—
—

Thousands
1,000

Hundreds of Hundreds
 100×100

—
—

Ten Thousands
10,000

Hundreds of Thousands
 $100 \times 1,000$

—
—

Hundred Thousands
100,000

Thousands of Thousands
 $1,000 \times 1,000$

—
—

Millions
1,000,000

Tenths of Tenths

$$0.1 \times 0.1$$

$$\frac{1}{10} \times \frac{1}{10}$$

=

Hundredths

$$0.01$$

$$\frac{1}{100}$$

Tenths of Hundredths

$$0.1 \times 0.01$$

$$\frac{1}{10} \times \frac{1}{100}$$

=

Thousandths

$$0.001$$

$$\frac{1}{1,000}$$

Hundredths of Hundredths

$$0.01 \times 0.01$$

$$\frac{1}{100} \times \frac{1}{100}$$

=

Ten Thousandths

$$0.0001$$

$$\frac{1}{10,000}$$

Hundredths of Thousandths

$$0.01 \times 0.001$$

$$\frac{1}{100} \times \frac{1}{1,000}$$

=

Hundred Thousandths

$$0.00001$$

$$\frac{1}{100,000}$$