

Line up the

Decimals

Then, add as with whole numbers.
You may have to write

zeros

as place holders.

Bring down the decimal point.

Example

$$9.8 + 2.12$$

$$\begin{array}{r} 9.80 \\ + 2.12 \\ \hline 11.92 \end{array}$$

watch where the decimal goes

Example

$$8 - 1.65$$

$$\begin{array}{r} 8.00 \\ - 1.65 \\ \hline 6.35 \end{array}$$

Bring down the decimal point.

Line up the

decimals

Then, subtract as with whole numbers.

You may have to write

zeros

and borrow.

Multiply as you would multiply whole numbers.

Then, place the

decimal

The number of decimal places in the product is the

total

number of decimal places in the factors.

Example

$$1.159 \cdot 0.03$$

5 decimal places in my answer

$$\begin{array}{r} 1.159 \\ \times 0.03 \\ \hline 3477 \\ 1159 \\ \hline 03477 \end{array}$$

move the decimal left.

Example

$$0.88 \div 1.6$$

$$\begin{array}{r} 0.55 \\ 1.6 \overline{) 0.880} \\ \underline{-80} \\ 80 \\ \underline{-80} \\ 0 \end{array}$$

Move the decimal point in the divisor and the dividend until the divisor is a

whole #

Place the decimal point in the quotient

above

the point in the dividend.

Divide as you would divide whole numbers.

Borrow care fully + watch decimal place!