

Addition

The decimal point must be lined up!
Just like adding whole numbers, except
with a decimal point.

$$\begin{array}{r} 6.80 \\ + 7.06 \\ \hline 13.86 \end{array}$$

← imaginary zero (Annex)

Subtraction

*some rules as addition

$$\begin{array}{r} 15.30 \\ - 05.01 \\ \hline 10.29 \end{array}$$

Decimals

A number that uses place value and a decimal point to show value less than 1.

H	T	O	.	Tenths	Hundredths	Thousandths
1	3	.	4	7		

Thirteen and forty-seven hundredths.

\$13.47

- Multiply just like whole numbers.
- The product will have the number of decimal places as the factors have combined.
- The decimal places do not need to be lined up!

$$\begin{array}{r} 6.35 \quad + 2 \text{ decimal places} \\ \times 3.7 \quad + 1 \text{ decimal place} \\ \hline 1270 \\ + 19050 \\ \hline 20320 \end{array}$$

↓ 3 decimal places

• move the decimal in the dividend and the divisor all the way to the right.

• Divide like normal!

$$49 \div 7 = 70$$

$$490 \div 7 = 70$$

$$22 \div 02 = 11$$

$$22 \div 2 = 11$$

(No zero)

Multiplication

Division

Decimal
Quick
Review...