Decimals

_____ is read as _____.

Decimals

When you add _____ and _____ , you must line up the decimal points and it will look like this _____.

Decimals

When you subtract _____ and _____ , you must line up the decimal points and it will look like this _____.

Decimals

When you multiply _____ and _____ , the first number has _____ digits behind the decimal point and the second number has _____ digits behind the decimal point, so the answer will have _____ digits behind the decimal point.

Decimals

When you divide _____ by _____ , the divisor is _____ and has _____ digits behind the decimal point, so the you will move the decimal point of the dividend _____ digits and the problem will look like _____.

Example 1

Add or subtract.

17.2 – 4.39

Remember that subtract means to add the opposite.

Are we going to add or subtract these numbers?

Subtract.

Line up the decimal points. Use a zero as a placeholder.

17.2 is greater than 4.39; use the sign of 17.2.

Example 2

Multiply.

(–0.4)(–3.75)

Multiply the numbers

Count the decimal places

2 decimal places

1 decimal places

.

2 + 1 = 3 decimal places.

Put the decimal.

Remember a negative times a negative is a positive.

Example 3

Find 0.384 ÷ 0.24.

0.24 has two decimal places, so you must move the decimal two places in the dividend.

Then divide as a whole number.

Remember to bring up your decimal point.