

Students can solve the problems with color pencils in the color of the operation or use blank organizer on following page to take notes & write their own examples

## Addition

- > Find the decimal
- > Line up the decimals
- > Fill in empty spots with zero
- > Add
- > Bring down the decimal in your answer

### EXAMPLE

$$12.5 + 9.74$$

## Subtraction

- > Find the decimal
- > Line up the decimals
- > Fill in empty spots with zero
- > Subtract
- > Bring down the decimal in your answer

### EXAMPLE

$$18.7 - 11.23$$

# Rules of Decimals

## Multiplication

- > The number with most digits goes on top
- > Decimals do not have to line up
- > Multiply like normal
- > Count how many places in first number the decimal is moved over
- > Count how many places in 2nd number the decimal is moved over
- > This is how many places you move the decimal in your answer

### EXAMPLE

$$\begin{array}{r} 1.430 \\ \times .55 \\ \hline \end{array}$$

## Division

- > Divisor can not have a decimal
- > Move the divisor decimal so it is a whole number
- > Move the same amount of places in dividend
- > Place a decimal straight up where you write your answer; rewrite problem
- > Divide like normal

### EXAMPLE

$$\text{DIVISOR} > 0.4 \overline{) 2.85}$$