

# Estimate and Multiply Decimals

## Anchor Chart



$$\begin{array}{r} 10.11 \\ \times 7.3 \\ \hline 3033 \\ 70770 \\ \hline 73.803 \end{array}$$



### Steps:

1. First round your numbers and find a product as estimation.
2. Then, multiply the numbers like you usually do.
3. After that, count how many decimal numbers you have in your factors. In this problem, we have total 3 numbers after the decimal point.
4. Now, place the decimal point in the product by counting the same numbers from right side. Here, the product is 73803. After placing the decimal, the result is 73.803.

# Estimate and Multiply Decimals Anchor Chart

1. First round your numbers and find a product as estimation.

$$4.4 \times 2.9$$

$$4 \times 3 = 12$$

2. Multiply the numbers without the decimal points.

$$\begin{array}{r} 4.4 \\ \times 2.9 \\ \hline 396 \\ 840 \\ \hline 1236 \end{array}$$

4. Double check the placement of the decimal point.

$$4.4 \times 2.9$$

$$\begin{array}{l} 2 \text{ decimal points} \\ = 12.36 \end{array}$$

3. Check the estimation and put the decimal point in a reasonable place.

Estimation: 12

Product: 1236

So, Answer = 12.36

