



Name _____

Decimal Multiplication Chart

Multiplying Decimals

- Step 1:** Write the numbers vertically as you normally would.
- Step 2:** Ignore the decimal points and multiply the numbers as whole numbers.
- Step 3:** Count the total number of decimal places in both factors.
- Step 4:** Place the decimal point in the product so that it has the same total number of decimal places.

Example:

Multiply: 3.45×2.6

$$\begin{array}{r} 3.45 \\ \times 2.6 \\ \hline 2070 \\ 690 \\ \hline 8.970 \end{array}$$

Count decimal places:

- 3.45 has 2 decimal places.
- 2.6 has 1 decimal place.
- Total = 3 decimal places.

8970 -> 8.97