



MULTIPLYING DECIMALS

STEP 1:

DO NOT LINE UP THE DECIMALS!!!! THIS WILL ONLY CONFUSE YOU.

STEP 2:

MULTIPLY EACH DIGIT IN THE TOP NUMBER BY EACH DIGIT IN THE BOTTOM NUMBER, JUST AS WITH WHOLE NUMBERS.

STEP 3:

COUNT ALL THE DIGITS TO THE RIGHT OF THE DECIMAL.

STEP 4:

STARTING AT THE END OF YOUR ANSWER, COUNT THE SAME AMOUNT OF SPACES TO THE LEFT AS THE TOTAL NUMBER OF DIGITS BEHIND THE DECIMAL.

$$\begin{array}{r} 0.34 \\ \times 4.6 \\ \hline 204 \\ 136 \\ \hline 1.564 \end{array}$$

← Two decimal places

← One decimal place

↓

← Three decimal places