

9/17/18

Be able to multiply decimals.

(15)

$$\begin{array}{r} \overset{4}{\cancel{5.07}} \\ \times \underset{2}{\cancel{7.2}} \\ \hline 1014 \\ + 35490 \\ \hline 36504 \\ \hline \boxed{36.504} \end{array}$$

$$5.07(7.2) =$$

- ① Don't worry about lining up the decimal.
- ② Ignore decimal until the end.
- ③ Multiply as if they were whole numbers.
- ④ Count the number of decimal places in the problem (to the right)
- ⑤ Move the decimal that many places in the answer.

$$\begin{array}{r} 5.602 \\ \times \quad .3 \\ \hline 16806 \\ \boxed{1.6806} \end{array}$$

$$5.602(0.3) =$$

