

Title: Multiply with many digits after . point

Date: _____

Solve using the standard algorithm for multiplication

ex#1) $\begin{array}{r} 0.307 \text{ kg of meat} \\ \times \\ \hline 2.456 \text{ kg} \end{array}$

ex#2) $\begin{array}{r} 0.095 \\ \times \\ \hline 0.380 \text{ kg} \end{array}$

ex#3) $\begin{array}{r} 150.4 \text{ cm of rope} \\ \times \\ \hline 451.2 \text{ cm} \end{array}$

ex#4) $\begin{array}{r} \$60.02 \\ \times \\ \hline \$360.12 \end{array}$

- Notes:
- 1) one digit after decimal THINK Length (cm)
 - 2) two digits after decimal THINK MONEY
 - 3) three digits after decimal THINK weight (kg)
 - 4) Property of Zero for Multiplication (kg)
means digit $\times 0$ results in 0

Evaluate:

① $\begin{array}{r} 0.200 \\ \times \\ \hline 1.200 \text{ kg} \end{array}$

② $\begin{array}{r} 30.9 \\ \times \\ \hline 154.5 \text{ cm} \end{array}$

③ $\begin{array}{r} 74.6 \\ \times \\ \hline 223.8 \text{ cm} \end{array}$

④ $\begin{array}{r} 70.034 \\ \times \\ \hline 0.238 \text{ kg} \end{array}$

⑤ $\begin{array}{r} 7.65 \\ \times \\ \hline \$30.60 \end{array}$

⑥ $\begin{array}{r} 45.8 \\ \times \\ \hline \$36.64 \end{array}$

