

Name: Key

4<sup>th</sup> Grade Notes 4.8 Multiply with Regrouping p. 241

1. multiply from right to left ( ones place first)

- vertically

2. "check for reasonableness" means estimate to check (must label check)

Ex: 
$$\begin{array}{r} 4 \\ 38 \\ \times 6 \\ \hline 228 \end{array}$$

check: 
$$\begin{array}{r} \nearrow \\ 38 \rightarrow 40 \\ \times 6 \\ \hline 240 \checkmark \end{array}$$

Ex:  $8 \times \$98$

$$\begin{array}{r} 6 \\ 98 \\ \times 8 \\ \hline \$784 \end{array}$$

check: 
$$\begin{array}{r} \nearrow \\ 98 \rightarrow 100 \\ \times 8 \\ \hline 800 \checkmark \end{array}$$