

Name: Key

4<sup>th</sup> Grade Notes 3.6 Multiplying Using Associative Property (Three Numbers) p. 167

-If you are only mult. several numbers, then it doesn't matter in which order you multiply them (because of comm. and assoc. properties).

-Hint: Multiply the easiest numbers first (although it doesn't matter).

-You can multiply in any order, however you must only multiply two numbers at a time. Write the answer below, then multiply the third number.

MUST LOOK LIKE THIS:

Ex: 
$$\begin{array}{r} \underline{2 \times 6} \times 3 \\ 12 \times 3 \\ 36 \end{array}$$
 *3 stays the same*  
*\*line up!*

OR 
$$\begin{array}{r} \underline{2 \times 6} \times 3 \\ 2 \times 18 \\ 36 \end{array}$$
 *assoc.*

OR 
$$\begin{array}{r} \underline{2 \times 6} \times \underline{3} \\ \underline{2 \times 3} \times 6 \\ 6 \times 6 \\ 36 \end{array}$$
 *comm.*

NOT 
$$\begin{array}{r} 2 \times 6 \times 3 \\ 36 \end{array}$$