

Name \_\_\_\_\_


## Regrouping Review

Each multiplication problem below was solved using partial products. Some errors were made. Multiply using regrouping to check each answer. Describe any errors that you find.

<b>1. Partial product</b> $\begin{array}{r} 72 \\ \times 8 \\ \hline 26 \\ + 560 \\ \hline 586 \end{array}$	<b>Regrouping</b> $\begin{array}{r} 72 \\ \times 8 \\ \hline \end{array}$	<b>2. Partial product</b> $\begin{array}{r} 65 \\ \times 9 \\ \hline 54 \\ + 540 \\ \hline 594 \end{array}$	<b>Regrouping</b> $\begin{array}{r} 65 \\ \times 9 \\ \hline \end{array}$
Did you find any errors? If so, describe. _____ _____ _____		Did you find any errors? If so, describe. _____ _____ _____	
<b>3. Partial product</b> $\begin{array}{r} 36 \\ \times 5 \\ \hline 11 \\ + 150 \\ \hline 161 \end{array}$	<b>Regrouping</b> $\begin{array}{r} 36 \\ \times 5 \\ \hline \end{array}$	<b>4. Partial product</b> $\begin{array}{r} 47 \\ \times 4 \\ \hline 28 \\ + 16 \\ \hline 44 \end{array}$	<b>Regrouping</b> $\begin{array}{r} 47 \\ \times 4 \\ \hline \end{array}$
Did you find any errors? If so, describe. _____ _____		Did you find any errors? If so, describe. _____ _____	

- 5. Stretch Your Thinking** Compare the factors and the product in Exercise 4. What information does this give you?

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- 6. Write Math**  **Explain** how you can use partial products to check products you found with regrouping.

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