Deepening Understanding
YR4 Formal Addition

Spot the mistake
Oh no! Jane, Marlon and Millie have completed the same calculation, but they all have different answers!

Jane:  
\[
\begin{array}{c}
3708 \\
+ 4264 \\
\hline
7962
\end{array}
\]

Marlon:  
\[
\begin{array}{c}
3708 \\
+ 4264 \\
\hline
7902
\end{array}
\]

Millie:  
\[
\begin{array}{c}
3708 \\
+ 4264 \\
\hline
7972
\end{array}
\]

Who has the correct answer?
Can you tell the other children why their answers are incorrect? Try to offer them some advice that will help them to improve their learning for next time.
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Oh no! Jane, Marlon and Millie have completed the same calculation, but they all have different answers!

Jane:                          Marlon:                           Millie:

Jane's answer is wrong. She has lined the numbers up correctly, however when the ones column totalled 12, she forgot to carry one over to the tens column value. She needs to remember to carry over and then include the carried number when totalling the next column.

Marlon's answer is wrong. In the tens column, he has said that 6 + 0 is 0 when it is actually 6. He also hasn't added the one that should have been carried over from the ones column, since the answer totalled 12.

Millie's answer is correct!