Learning Target: I will know and understand how to add multi-digit whole numbers using the Standard Algorithm.

Operations in Base Ten

\[
\begin{align*}
78,531 + 2,567 & = 81,098 \\
561,129 + 45,855 & = 606,984 \\
\end{align*}
\]

Which digit is in the hundred thousands place? 657,895 6

How much is it worth? 600,100

Write the number in standard form.

\[
200,000 + 40,000 + 5,000 + 80 + 2 = 245,822
\]

Self-Assessment:
Please circle the number that best describes how you feel about meeting the learning target.

\[
\begin{align*}
1&: I've mastered this \\
3: I'm good at this \\
2&: I'm a little shaky \\
1: I'm just starting
\end{align*}
\]
Solve & Explain

Jennifer was asked to find the sum of 29,080 and 4,721,050. She knew her first step was to line up her numbers. Her final answer was 33,801,050.

If she would’ve been paying more attention she would have known that she lined up the numbers wrong. 4,721,050 is much bigger than 29,080. She should’ve lined them up correctly.

Solve the problem and explain to Jennifer in words, pictures or examples why she is incorrect.

My answer:
4,721,050 + 29,080
4,750,130

Self-Assessment:
Please circle the number that best describes how you feel about meeting the learning target.

1- I’m just starting 2- I’m a little shaky 3- I’m good at this 4- I’ve mastered this
Learning Target:  I will know and understand how to add multi-digit whole numbers using the standard algorithm.

Operations in Base Ten

\[
\begin{array}{c}
\text{78,531} \\
+ 2,567 \\
\text{81,098}
\end{array}
\quad
\begin{array}{c}
\text{561,129} \\
+ 45,855 \\
\text{607,044}
\end{array}
\]

Which digit is in the hundred thousands place? 657,895 \( \boxed{6} \)

How much is it worth? \( 600,000 \)

Write the number in standard form.
\[ 200,000 + 40,000 + 5,000 + 80 + 2 = 245,082 \]

Self-Assessment:
Please circle the number that best describes how you feel about meeting the learning target.

\( \boxed{4} \) - I've mastered this  \( \boxed{3} \) - I'm good at this  \( \boxed{2} \) - I'm a little shaky  \( \boxed{1} \) - I'm just starting
Solve & Explain

Jennifer was asked to find the sum of 29,080 and 4,721,050. She knew her first step was to line up her numbers. Her final answer was 33,801,050.

\[ \begin{align*}
29,080 \\
+ 4,721,050 \\
\hline
33,801,050
\end{align*} \]

Solve the problem and explain to Jennifer in words, pictures or examples why she is incorrect. First of all, she didn’t line them up so she thought to add in any way it is lined up. It is supposed to be lined up like this: 4,721,050

\[ \begin{align*}
4,721,050 \\
29,080 \\
\hline
33,801,050
\end{align*} \]

Self-Assessment:
Please circle the number that best describes how you feel about meeting the learning target.

4- I’ve mastered this  3- I’m good at this  2- I’m a little shaky  1- I’m just starting
Learning Target:
I will know and understand how to add multi-digit whole numbers using the Standard algorithm.

Operations in Base Ten

78,531  
+ 2,567  
81,098

561,129  
+ 45,855  
606,984

Which digit is in the hundred thousands place? 657,895  
How much is it worth? 600,000

Write the number in standard form.  
200,000 + 40,000 + 5,000 + 80 + 2 = 245,082

Self-Assessment: 
Please circle the number that best describes how you feel about meeting the learning target.

4 - I've mastered this  3 - I'm good at this  2 - I'm a little shaky  1 - I'm just starting
**Solve & Explain**

Jennifer was asked to find the sum of 29,080 and 4,721,050. She knew her first step was to line up her numbers. Her final answer was 33,801,050.

\[
\begin{align*}
29,080 & \\
+ & 4,721,050 \\
\hline
33,801,050 & 
\end{align*}
\]

Solve the problem and explain to Jennifer in words, pictures or examples why she is incorrect.

Jennifer lined up the numbers and if she started from the ones place she should get the right answer. But she did not get the right answer because she did not line up the numbers correctly.

\[
\begin{align*}
29,080 & \\
+ & 4,721,050 \\
\hline
4,750,130 & 
\end{align*}
\]

Self-Assessment:
Please circle the number that best describes how you feel about meeting the learning target.

4- I’ve mastered this 3- I’m good at this 2- I’m a little shaky 1- I’m just starting
Operations in Base Ten

78,531 + 2,567 = 81,098
561,129 + 45,855 = 606,984

Which digit is in the hundred thousands place? 657,895 10
How much is it worth? 650,000

Write the number in standard form.
200,000 + 40,000 + 5,000 + 80 + 2 = 240,582

Self-Assessment:
Please circle the number that best describes how you feel about meeting the learning target.

4- I've mastered this 3- I'm good at this 2- I'm a little shaky 1- I'm just starting
**Solve & Explain**

Jennifer was asked to find the sum of 29,080 and 4,721,050. She knew her first step was to line up her numbers. Her final answer was 33,801,050.

If you look at these numbers, look at the top number. If you notice the smaller number is on the top, I put a rectangle over the 90 to show you that the answer should never happen at the starting point.

Solve the problem and explain to Jennifer in words, pictures or examples why she is incorrect.

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**Self-Assessment:**
Please circle the number that best describes how you feel about meeting the learning target.

- 4- I’ve mastered this
- 3- I’m good at this
- 2- I’m a little shaky
- 1- I’m just starting