G4-W1-Lesson 15

Use the standard subtraction algorithm to solve the problem below.

I am not ready to subtract.
I must regroup.

Sample Student A Response:

I work unit by unit, starting with the ones. I can rename $4\ \text{hundreds}$ as $3\ \text{hundreds}$ $10\ \text{tens}$. Then, I rename $10\ \text{tens}$ as $9\ \text{tens}$ $10\ \text{ones}$. I'll continue to decompose until I am ready to subtract.

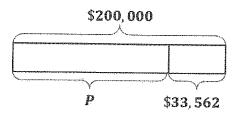
Sample Student B Response:

I need more ones. I unbundle $40\,\mathrm{tens}$ as $39\,\mathrm{tens}$ $10\,\mathrm{ones}$.

I need more than 3 hundreds to subtract 6 hundreds. I can rename the 600 thousands as 599 thousands 10 hundreds. 10 hundreds plus 3 hundreds is 13 hundreds.

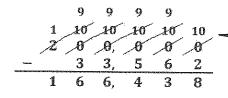
Use a tape diagram and the standard algorithm to solve the problem below. Check your answer.

2. The cost of the Johnston's new home was \$200,000. They paid for most of it and now owe \$33,562. How much have they already paid?



\$200,000 - \$33,562 = P

Sample Student A Response:



There are a lot of decompositions!

Sample Student B Response:

I rename 20,000 tens as 19,999 tens 10 ones.

I check my answer by adding the two parts. The sum is equal to the cost of the new home. My answer is correct!

The Johnstons have already paid \$166,438.