Training Header Sheet with Change Log Form

Kentucky Math
2022 Operational Test

Grade 3 / Math
Sum of 253 and 148 - MA0320147
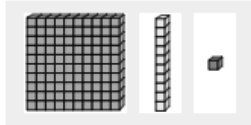
Anchor Set

Date	Comments	Version
2.2022	Initial Operational Training Set	Set A

Prompt

Part A

Move the appropriate number of base ten blocks into the box to represent the sum of 253 and 148.

Sum of 253 +148

Part B

Explain how your model represents the sum of 253 and148. Include the sum in your explanation.

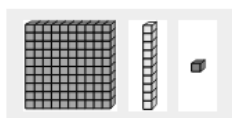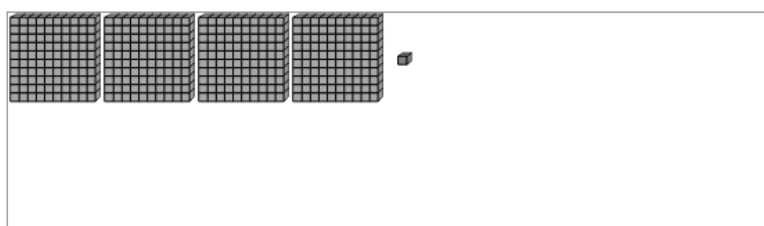Enter your explanation in the space provided.

▼ Math symbols

Rubric

Rubric	
The total item score is the sum of the points awarded in the Machine-scored and Human-scored parts.	
Machine Scoring	
Score Point 1	**Part A** Student response is a correct combination of blocks to equal a total of 401.
Score Point 0	Student response is incorrect.
Human Scoring	
Score Point 1	Student demonstrates a complete understanding of understanding of fluently adding multi-digit whole numbers using a model.
Score Point 0	Student response is insufficient to demonstrate a grade-appropriate, relevant understanding of the task.
Score Point	**Part B** • Score 1 point: Human-scored ○ Complete explanation of how the blocks are used to find the sum of 401.
Correct Answer	**Part B** There are 11 ones so I used 1 ones block and 1 tens block, there are 9 tens so I added the 1 ten and 9 tens to get 10 tens or 1 hundred and used 1 hundred block, there are 3 hundreds, so I used another 3 hundreds blocks for a total of 4 hundreds blocks and 1 ones block. The sum is 401.

Part A

Drag and drop the appropriate number of base ten blocks into the box to represent the sum of 253 and 148.

Sum of 253 +148

Part B

Explain how your model represents the sum of 253 and148. Include the sum in your explanation.
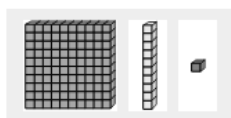
Enter your explanation in the space provided.

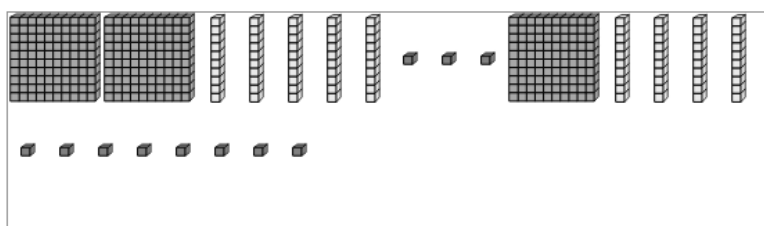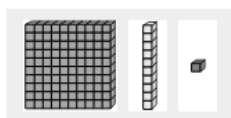I added $253 + 148$ and it was 401 and i added 4 100 block's and 1 1 block

Part A

Drag and drop the appropriate number of base ten blocks into the box to represent the sum of 253 and 148.

Sum of 253 +148

Part B

Explain how your model represents the sum of 253 and148. Include the sum in your explanation.

Enter your explanation in the space provided.
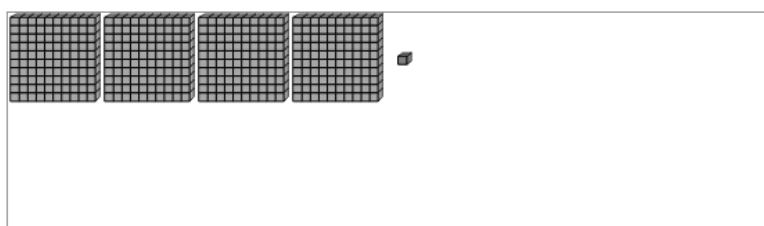
i put 2 of hurder and 5 of the tens and 3 of the ones then i added a other hurnder then 4 tens and 8 ones so $253 + 148 = 401$

Part A

Drag and drop the appropriate number of base ten blocks into the box to represent the sum of 253 and 148.
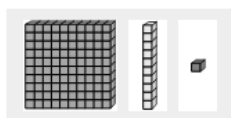
Sum of 253 +148

Part B

Explain how your model represents the sum of 253 and148. Include the sum in your explanation.

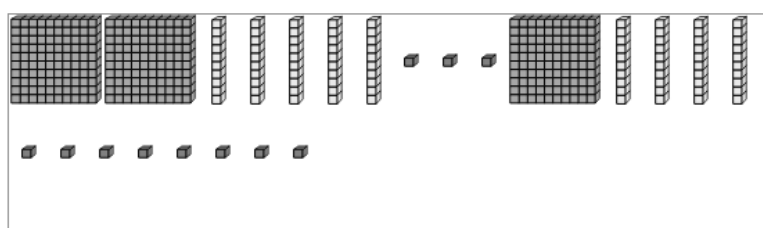Enter your explanation in the space provided.

what i did was add the hundereds then added the tens and the ones and since there were eleven ones i added another ten and since there were already ninedy tens i added another hundred and thats how i got four hundred and one.

Part A

Drag and drop the appropriate number of base ten blocks into the box to represent the sum of 253 and 148.
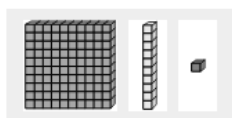
Sum of 253 +148

Part B

Explain how your model represents the sum of 253 and148. Include the sum in your explanation.
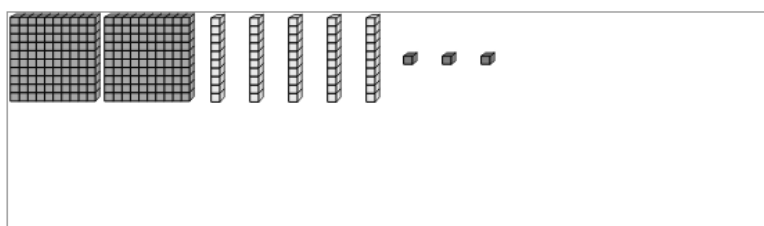
Enter your explanation in the space provided.

$$253 + 148 = 401$$

Part A

Drag and drop the appropriate number of base ten blocks into the box to represent the sum of 253 and 148.
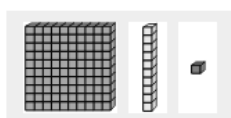
Sum of 253 + 148

Part B

Explain how your model represents the sum of 253 and148. Include the sum in your explanation.

Enter your explanation in the space provided.

We know that we need two of the hundreds place and five of the tens place and three of the ones. Thats how we got our answer.

Part A

Drag and drop the appropriate number of base ten blocks into the box to represent the sum of 253 and 148.

Sum of 253 +148

Part B

Explain how your model represents the sum of 253 and148. Include the sum in your explanation.
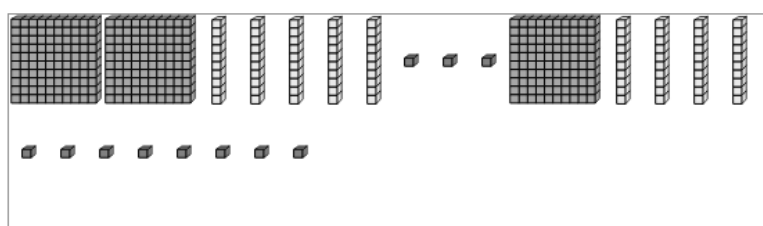
Enter your explanation in the space provided.

I counted them.