1. \( y = 3 + 2 + 1 \) \( y = y + 2 \) At the end of this code, what value is assigned to \( Y \)?

A 2  
B 6  
C 8  
D This code will cause an error  
E I don't know

Answer: C
At first, \( y \) is assigned the value 6. Then 2 is added to the value of \( y \), and \( y \) is re-assigned the value 8.

2. \( y = 3 \) \( x = 7 \) \( y = 3 + 2 + 1 \) At the end of this code, what will the memory look like (using our simplified model)?

A \( y: 6 \)  
B \( y: 3 \) \( x: 7 \) \( y: 6 \)  
C \( y: 6 \) \( x: 7 \)  
D \( y: 3 \) \( x: 7 \)  
E I don't know

Answer: C
At first, \( y \) is assigned the value 3. Then \( y \) is re-assigned the value 6. The value of \( x \) remains 7.