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

After first line \( y \) is assigned a value of 6. On second line, \( y \) is first evaluated (yielding 6), before sum and then reassignment

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

3. \( y = 3 \)
   \( x = 7 \)
   \( y = 3 + 2 + 1 \)

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

y can have only one value at a time.

4. \( y = 3 \)
   \( x = 7 \)
   \( y = 3 + 2 + 1 \)

At the end of this code, what will the memory look like (using our simplified model)?

A y: 6
I don't know