AP Unit 3 Lab 2 Shortcut Assignments Pts: 10 Name _____

Class Hr _____

I. A) Combining Assignment and Arithmetic (3.3)

1a) Open **AP1ch03lab02.java**

b) Run and write the output: if x = 10 and y = 20 then y in y += x is _____

2a) Change the **x = 10;** to **x = 40;** and the **y = 20;** to **y = 60;**

b) Run and write the output: if x = 40 and y = 60 then y in y += x is _____

3a) Change the **x = 40;** to **x = 10;** and the **y = 60;** to **y = 20;** and change the **y += x;** to **y -= x**

b) Run and write the output: if x = 10 and y = 20 then y in y -= x is _____

4a) Change the **y -= x;** to **y *= x;**

b) Run and write the output: if x = 10 and y = 20 then y in y *= x is _____

5a) Change the **y *= x;** to **y /= x;**

b) Run and write the output: if x = 10 and y = 20 then y in y /= x is _____

Summary: y += x; means the same as y = y + x; likewise for -= and *= and /=

B) Answer the following

1) if x = 50 and y = 100 then what is y after y += x; ? 1) _____

2) if x = 50 and y = 100 then what is y after y -= x; ? 2) _____

3) if x = 50 and y = 100 then what is y after y *= x;? 3) _____

4) if x = 50 and y = 100 then what is y after y /= x;? 4) _____

5) if a = 2, b = 3, and c = 4 then what is c after c *= a + b; ? 5) _____

Turn in this sheet to be graded!