

[< StringObject](#)[Main Page](#) → [Problems](#) → **Solve a Problem**[CalculatorObject >](#)

○ BJP4 Self-Check 8.4: ReferenceMystery3

Language/Type:  Java [Objects](#) [Point](#) [reference semantics](#)

Author: Marty Stepp (on 2016/09/08)

The following program produces 4 lines of output. Write each line of output below as it would appear on the console.

```
public class ReferenceMystery3 {  
    public static void main(String[] args) {  
        int a = 7;  
        int b = 9;  
        Point p1 = new Point(2, 2);  
        Point p2 = new Point(2, 2);  
        addToXTwice(a, p1);  
        System.out.println(a + " " + b + " " + p1.x + " " + p2.x);  
        addToXTwice(b, p2);  
        System.out.println(a + " " + b + " " + p1.x + " " + p2.x);  
    }  
  
    public static void addToXTwice(int a, Point p1) {  
        a = a + a;  
        p1.x = a;  
        System.out.println(a + " " + p1.x);  
    }  
}
```

line 1	<input type="text" value="14 14"/>
line 2	<input type="text" value="7 9 14 2"/>
line 3	<input type="text" value="18 18"/>
line 4	<input type="text" value="7 9 14 18"/>

☒ Sound F/X**Submit**

✔ You passed 4 of 4 tests.

[Go to the next problem: CalculatorObject](#)

#	question	your answer	result
1	line 1	14 14	✔ pass
2	line 2	7 9 14 2	✔ pass
3	line 3	18 18	✔ pass
4	line 4	7 9 14 18	✔ pass

If you do not understand how to solve a problem or why your solution doesn't work, please contact your TA or instructor.

If something seems wrong with the site (errors, slow performance, incorrect problems/tests, etc.), please [contact us](#).

Is there a problem? [Contact a site administrator](#).

Site name, logo, iconography, site design, web application and problems are original work and copyright © Marty Stepp unless otherwise specified. This site is the independent creation and intellectual property of the author and has no direct affiliation or association with any particular company, university, course, textbook, or any other material or online resource. Any non-educational usage of the content on this site is expressly forbidden without written permission. All rights reserved.