

## ○ BJP5 Self-Check 3.6: parameterMysteryNumbers

Language/Type:  Java [method basics](#) [parameter mystery](#) [Strings variables](#)

Author: Marty Stepp (on 2019/09/19)

Given the following program:

```
public class MysteryNumbers {
    public static void main(String[] args) {
        String one = "two";
        String two = "three";
        String three = "1";
        int number = 20;

        sentence(one, two, 3);
        sentence(two, three, 14);
        sentence(three, three, number + 1);
        sentence(three, two, 1);
        sentence("eight", three, number / 2);
    }

    public static void sentence(String three, String one, int number) {
        System.out.println(one + " times " + three + " = " + (number * 2));
    }
}
```

Write the output of each of the following calls.

sentence(one, two, 3);	three times two = 6
sentence(two, three, 14);	1 times three = 28
sentence(three, three, number + 1);	1 times 1 = 42
sentence(three, two, 1);	three times 1 = 2
sentence("eight", three, number / 2);	1 times eight = 20

 Submit

✔ You passed 5 of 5 tests.

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

#	question	your answer	result
1	sentence(one, two, 3);	three times two = 6	✔ pass

## ○ BJP5 Self-Check 3.14: parameterMysteryReturn

Language/Type:  Java [method basics](#) [parameter mystery scope variables](#)

Author: Leslie Ferguson (on 2019/09/19)

Given the following program:

```
public class MysteryReturn {
    public static void main(String[] args) {
        int x = 1;
        int y = 2;
        int z = 3;

        z = mystery(x, z, y);           // Statement 1
        System.out.println(x + " " + y + " " + z); // Statement 2
        x = mystery(z, z, x);           // Statement 3
        System.out.println(x + " " + y + " " + z); // Statement 4
        y = mystery(y, y, z);           // Statement 5
        System.out.println(x + " " + y + " " + z); // Statement 6
    }

    public static int mystery(int z, int x, int y) {
        z--;
        x = 2 * y + z;
        y = x - 1;
        System.out.println(y + " " + z);
        return x;
    }
}
```

Write the output of each statement.

Statement 1	<input type="text" value="3 0"/>
Statement 2	<input type="text" value="1 2 4"/>
Statement 3	<input type="text" value="4 3"/>
Statement 4	<input type="text" value="5 2 4"/>
Statement 5	<input type="text" value="8 1"/>
Statement 6	<input type="text" value="5 9 4"/>

 Submit

✔ You passed 6 of 6 tests.

[Go to the next problem: mathExpressions2](#)

#	question	your answer	result
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