

Mystery Number Exercise:

Directions

Find and print the mystery number by following the instructions below.

1. Create a variable of type int named **mystery** and initialize it with a value of 100.
2. Write a Java statement that will increase mystery by 50
3. Write a Java statement that will decrease mystery by 1.
4. Write a Java statement that will increase mystery by a factor of 3 (factor means multiply).
5. Write a Java statement that will increase mystery by 1.
6. Write a Java statement that will cut mystery in half.
7. Write a Java statement that will increase mystery by 15.
8. Write a Java statement that will decrease mystery by 6.
9. Write a Java statement that will increase mystery by 1
10. Write a Java statement that will decrease mystery by 5.
11. Write a Java statement that will store in mystery the **remainder** of mystery divided by 10.
12. Write a Java statement that will increase mystery by a factor of 100.
13. Write a Java statement that will increase mystery by 12.
14. Write a Java statement that will decrease mystery by 1.
15. Print mystery to the console window using the format shown in the Sample Run.

The Mystery Number = [your answer will appear here]