Short Circuit Worksheet

• Result: true or false?

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	Value		Short-Circuit		
	true	false	Yes	No	
5.					true true false
6.					false false false
7.					false false true
8.					true true true
9.					true && true && false

10.			false && false && false
11.			false && false && true
12.			true && true && true

13. What two lines of output will print when this code is run? (NOTE: ++x will increment x by 1 THEN check if it equals 1)

14. What two lines of output will print when this code is run?

```
int x = 0, y = 0, z = 0;
System.out.println( ++x == 9 || ++y == 1 && ++z == 1 );
System.out.println("x is " + x + ", y is " + y + ", z is " + z);
Output Line 1:
Output Line 2:
```

15. What two lines will print when this code is run?

```
int x = 0, y = 0, z = 0;
System.out.println( ++x == 1 || ++y == 9 && ++z == 1 );
System.out.println("x is " + x + ", y is " + y + ", z is " + z);
Output Line 1:
Output Line 2:
```