Tracing If Statement Worksheet 1 Name -

Assume that the control expressions listed below fit into the if statement in the following code segment:  
string asparagus = "yes";

string broccoli = "no";

if ( \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ )  
 cout << "You get dessert!" << endl;

else  
 cout << "You do NOT get dessert!" << endl;  
  
For each exercise, indicate whether the control expression is **True** or **False**. Write out the word “True” or “False”   
**AND circle the exercise numbers for the answers that are FALSE.**

\_\_\_\_\_true\_\_ 1. asparagus == "yes"

\_\_\_false\_\_\_ 2. asparagus == "yes" && broccoli == "yes"

\_\_true\_\_\_\_\_ 3. asparagus == "yes" || broccoli == "yes"

\_\_\_true\_\_\_\_ 4. asparagus != "no"

\_\_\_false\_\_\_\_ 5. asparagus != "yes" && broccoli != "yes"

\_\_false\_\_\_\_ 6. asparagus != "no" || broccoli != "no"

\_\_\_true\_\_\_\_ 7. !(asparagus == "no")

\_\_false\_\_\_\_ 8. !(asparagus == "yes" || broccoli == "yes")

\_\_true\_\_\_\_\_ 9. !(asparagus == "yes" && broccoli == "yes")

\_\_true\_\_\_\_\_ 10. !(asparagus == "yes") || !(broccoli == "yes")

false\_\_\_\_\_\_ 11. !(asparagus == "yes") && asparagus == "yes"

\_\_true\_\_\_\_\_ 12. !(!(asparagus == "yes"))

\_\_\_false\_\_\_ 13. !(!(!(asparagus == "yes")))

\_\_\_\_\_true\_\_ 14. asparagus == "yes" || broccoli == "no" && asparagus != "yes"

\_\_false\_\_\_\_ 15. asparagus == **"YES"**