Visual Basic   Name -
Tracing If Statement Worksheet #1   Period -

Assume that the control expressions listed below fit into the `If` statement in the following code segment:

```
asparagus = "yes"
broccoli = "no"
If ( _____ ) Then
      MessageBox.Show("You get dessert!")
Else
      MessageBox.Show("You do NOT get dessert!")
End If
```

For each exercise, indicate whether the control expression is **True** or **False** by circling T for True or F for False.

T   F   1. asparagus = "yes"

T   F   2. asparagus = "yes" And broccoli = "yes"   Complete the truth table as you learned
                                                                from a class lecture or the online lecture
                                                                notes. Use the correct column headings
T   F   3. asparagus = "yes" Or broccoli = "yes"   and 1's and 0's in the correct order.

T   F   4. asparagus <> "no"

T   F   5. asparagus <> "yes" And broccoli <> "yes"

T   F   6. asparagus <> "no" Or broccoli <> "no"

T   F   7. Not (asparagus = "no")

T   F   8. Not (asparagus = "yes" Or broccoli = "yes")

T   F   9. Not (asparagus = "yes" And broccoli = "yes")

T   F   10. Not (asparagus = "yes") Or Not (broccoli = "yes")

T   F   11. Not (asparagus = "yes") And asparagus = "yes"

T   F   12. Not (Not (asparagus = "yes"))

T   F   13. Not (Not (Not (asparagus = "yes")))

T   F   14. asparagus = "yes" Or broccoli = "no" And asparagus <> "yes"

T   F   15. asparagus = **"YES"**