

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

```
num = 5
other = 10
foo = -3
```

```
If ( _____ ) Then
    MessageBox.Show("True")
Else
    MessageBox.Show("False")
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. num > 5

T F 2. num >=5 And other < 11

T F 3. foo <> -1 Or other < 0

T F 4. Not (num > 3) Or num <= 5

T F 5. Not (other >= num)

T F 6. (0 - foo) > 0

T F 7. 4 / 2 = other / num

T F 8. other Mod 2 = 0

T F 9. other + 2 * num <> 30 Or Not (foo > 0)

T F 10. other > 0 And num > 0 Or foo > 0

T F 11. (foo > 0) Or ((num >= 0) And (-1 * other = -10))

T F 12. num <> 5

T F 13. num > 0 Or (foo <= 0 And other = 13)

T F 14. Not (Not (Not (Not (num > 0))))

Complete the truth table as you learned from a class lecture or the online lecture notes. Use the correct column headings and 1's and 0's in the correct order.
