Visual Basic
Tracing If Statements Worksheet #2

Name -
Period -

Trace the following code segments. Assume all variables are declared. .Show the final value of `intCount` in each exercise.

1.

```
intX = 129                          intCount
intY = 200
intCount = 1
If (intX > 120 And intY < 30) Then
   intCount = intCount + 1
Else
   intCount = -1
End If
```

2.

```
intX = 129                          intCount
intY = 200
intDone = 1
intCount  = 1
If (intX > 120 Or intY < 300 And intDone = 0) Then
   intCount = intCount + 1
Else
   intCount = -1
End If
```

3.

```
intX = 129                          intCount
intY = 200
intCount = 1

If (intX > 120 And intY > 100) Then
   intCount = intCount + 1
ElseIf (intX > 120 And intY > 150) Then
   intCount = intCount + 1
Else
   intCount = -1
End If
```

4.

```
intX = 129                          intCount
intY = 200
intCount = 1
If (intX > 120) Then
   If (intY > 300) Then
      intCount = intCount + 1
   Else
      intCount = intCount + 2
   End If
Else
   intCount = intCount + 3
End If
```

5.

```
intX = 126                          intCount
intY = 200
intCount = 1
For J = 1 To 100
   If (Not(intX > 140 Or intY > 300)) Then
      Exit For
   Else
      intX = intX + 5
      intCount = intCount + 1
   End If
Next
```