Visual Basic Name -
Tracing For Loops Worksheet #3

Trace the following code segments showing the values for each variable in the appropriate columns. Write "infinite loop" if the loop never ends. Write "error" if you think there is a syntax error. Circle your final values.

1.

```
Dim intSum As Integer = 0

For J = 1 To 4
      intSum *= 2
Next
```

intSum J

2.

```
Dim intSum As Integer = 20

For J = 2 To 8 Step 2
      intSum -= 3
Next
```

intSum J

3.

```
Dim intSum As Integer = 0

For J = 5 To 3 Step -1
      intSum += 1
Next
```

intSum J

4.

```
Dim intSum As Integer = 24

For J = 1 To 3
      intSum /= 2
Next
```

intSum J

5.

```
Dim intSum As Integer = 1

For J = 2 To 5
      intSum = intSum + J - 1
Next
```

intSum J

6.

```
Dim intSum As Integer = 0

For J = 300 To 6 Step 2
      intSum = intSum + 1
Next
```

intSum J