Visual Basic Name -
Tracing For Loops Worksheet #1

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 5
      intSum = intSum + 1
Next
```

intSum J

2.

```
Dim intSum As Integer = 0

For J = 2 To 10 Step 2
      intSum = intSum + 1
Next
```

intSum J

3.

```
Dim intSum As Integer = 0

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

intSum J

4.

```
Dim intSum As Integer = 10

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

intSum J

5.

```
Dim intSum As Integer = 0

For J = 12 To 20 Step 3
      intSum = intSum + 1
Next
```

intSum J

6.

```
Dim intSum As Integer = 0

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

intSum J