Recursion Activity

```
void recursive(int n)
{
      if (n == 0) {
            return;
      }
      else {
            System.out.println("Before = " + n);

            // recursive call
            recursive(n - 1);

            System.out.println("After = " + n);
      }
}
```

The initial call

```
      recursive(5);
```

What is the value of n?

n =

Output

Before =

After =

```
void recursive(int n)
{
      if (n < 0) {
            return;
      }
      else {
            System.out.println("Before = " + n);

            // recursive call
            recursive(n - 1);

            System.out.println("After = " + n);
      }
}
```

n - 1 =

Recursion Activity

What is the value of n?

n =

Output

Before =

After =

```
void recursive(int n)
{
      if (n < 0) {
            return;
      }
      else {
            System.out.println("Before = " + n);

            // recursive call
            recursive(n - 1);

            System.out.println("After = " + n);
      }
}
```

n - 1 =

What is the value of n?

n =

Output

Before =

After =

```
void recursive(int n)
{
      if (n < 0) {
            return;
      }
      else {
            System.out.println("Before = " + n);

            // recursive call
            recursive(n - 1);

            System.out.println("After = " + n);
      }
}
```

n - 1 =