

What is the final value of the variable `result` in the following assignment statements? You must show steps for full credit and remember to follow the order of operations.

```
Dim num As Integer = 4  
Dim var As Integer = 2  
Dim foo As Integer = 5  
Dim result As Double = 0
```

1. `result = foo * (num + var)`

2. `result = 1 ^ (2 + num)`

3. `result = (foo * 2 Mod 5) * var ^ 12`

4. `result = num / var + 3 - 10`

5. `result = (-1 * var) ^ 2 + var ^ 3`

6. `result = foo * foo * foo - foo + foo`