

What is the final value of the variable `result` in the following assignment statements? Show several steps and remember to follow the order of operations.

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

1. `result = 9 ^ 3`

2. `result = num + 2 * var`

3. `result = (9 * num + 4) / 4 * (num - 1)`

4. `result = 48 / (5 - 1) ^ 2 * 8`

5. `result = num ^ 2 + num * (2 * 2 ^ num) - 24`

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