Answer

There exists a function f satisfying the formula

$$f = [n \in \mathit{Int} \mapsto \mathsf{if} \ n = 0 \ \mathsf{then} \ 1 \ \mathsf{else} \ n * f[n-1]]$$

For example, it is satisfied by the function

$$[n \in Int \mapsto \text{if } n \in Nat \text{ then } FactorialOp(n) \text{ else } 0]$$

Hence, IntFact is a function that satisfies this formula, so IntFact[-3] equals (-3)*IntFact[-4]. However, -3*IntFact[-4] equals -(3*IntFact[-4]) (by the operator precedence rules of TLA^+). Since we don't know if IntFact[-4] is a number, we don't know if (-3)*IntFact[-4] equals -(3*IntFact[-4]). So, we don't know if IntFact[-3] equals -3*IntFact[-4].