N(3) ≡ λfx.f(f(fx))

N(4) ≡ λgy.g(g(g(gy)))

MULT N(3)N(4) ≡ (λnmh.n(mh))(λfx.f(f(fx)))(λgy.g(g(g(gy))))

(λh. (λfx.f(f(fx))) ((λgy.g(g(g(gy))))h))

(λh. (λfx.f(f(fx))) ((λy. h (h (h (h y)))))

(λh. (λx. ((λy. h (h (h (h y))))) (((λy. h (h (h (h y))))) (((λy. h (h (h (h y)))))x)))

(λh. (λx. ((λy. h (h (h (h y))))) (((λy. h (h (h (h y))))) (((h (h (h (h x))))))))

(λh. (λx. ((λy. h (h (h (h y))))) (h (h (h (h (h (h (h (h x))))))))

(λhx. (h (h (h (h (h (h (h (h (h (h (h (h x))))))))))))

S :⇔ λ abc.b(abc)

Let us calculate the successor of 0 with it:

S0 = (λ abc.b(abc)) (λ sz.z)

= λ bc.b((λ sz.z) bc)

= λ bc.b((**λ z.z**) c)

= λ bc.b(c)