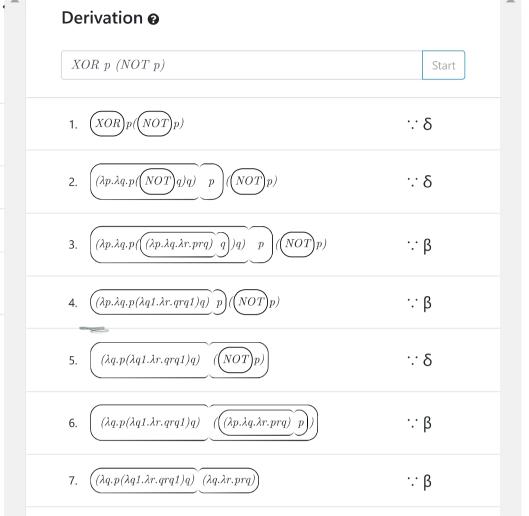


∵ β

∵ β

Rewrite Rules ?

- 2. $NOT = \lambda p.\lambda q.\lambda r.p \ r \ q$
- 3. $F = \lambda p.\lambda q.q$
- 4. $T = \lambda p.\lambda q.p$
- 5. Church Numerals (e.g. 3 will be replaced by $\lambda f.\lambda x.f$ (f (f x)))



8. $p(\lambda q 1.\lambda r.((\lambda q.\lambda r.prq) r)q1)(\lambda q.\lambda r.prq)$

9. $p(\lambda q 1.\lambda r.((\lambda r 1.pr 1r) q 1))(\lambda q.\lambda r.prq)$

Next 50

Steps

10. $p(\lambda q1.\lambda r.pq1r)(\lambda q.\lambda r.prq)$

Next Step

 $id = \lambda x.x$

Active Strategy

- Innermost first
- O Outermost first