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1. Suppose that everyone studies smart.

2. (a). For all sneetch x , x has a snoot.

(b). Let x be an arbitrary sneetch.

3. Reason 1: Equating predicates to numeric values
 $Q(i-5)$ is a statement which can be true or false.

$Q(i-5)$ states that \exists a positive integer t s.t.
 $i-5 = 5t-3$. It's not a function

" $Q(i-5) = i-5$ " means that "the statement $Q(i-5)$ equals the value $i-5$ ", which is NOT meant we say.

Reason 2: Introducing a variable without saying what it is.

We need say where the variable coming from. If we do not have it before, we need firstly introduce it clearly.
When we write " $i-5 = 5t-3$ ", we don't know what t is and where t comes from.

We should introduce t clearly before using it.

eg. Suppose $Q(i-5)$ holds. $Q(i-5)$ states \exists a positive integer t s.t. $i-5 = 5t-3$. Now we introduce it from saying the statement $Q(i-5)$.

4. It means that if we want to prove the structure like " $A = B$ ", we need to write

" $LHS = A = a = b = B = RHS$ ". step-by-step with explanation in between rather than using stack, a sequence of equations like.

" $A = B \Rightarrow a = B \Rightarrow a = b \Rightarrow C = C$ ".

This structure of stack is what Nick say to avoid.