```
no_nat_prime_divs_one  THM

⊢  ∀b:ℕ. b | 1 ⇒ ¬prime(b)
| by SimilarTo: Thm*  ∀b:ℕ. b | 1 ⇒ b = 1    {only_one_nat_divs_one}
|
1. b : ℕ
2. b | 1
3. b = 1
⊢  ¬prime(b)
| by Rewrite by b = 1
|    THEN
|    Rewrite by
|    Thm*  ∀x:ℕ. prime(x) ⟺ 2≤x & ¬(∃i:{2..x⁻}. i | x)
|    {prime_nat}
|
⊢  ¬(2≤1 & ¬(∃i:{2..1⁻}. i | 1))  by SimilarTo: ¬2≤1
END
```