```
mul_bounds_1a  THM

⊢  ∀a,b:ℕ. 0≤a·b  by Auto
|
1. a : ℕ
2. b : ℕ
⊢  0≤a·b
| by Inst: Thm* ∀a,b:ℤ, n:ℕ. a≤b ⇒ n·a≤n·b    {mul_preserves_le}
|    Using:[0 | b | a]
|
3. a·0≤a·b
⊢  0≤a·b  by Auto
END
```