```
mul_bounds_1b  THM

⊢  ∀a,b:ℕ+. 0<a·b  by UnivCD
|
1. a : ℕ+
2. b : ℕ+
⊢  0<a·b  by Assert (a·0<a·b)
|
|\
| .....assertion .....
| ⊢  a·0<a·b
|   by BackThru
|      Thm* ∀a,b:ℤ, n:ℕ+. a<b ⇒ n·a<n·b    {mul_preserves_lt}
|
.\
. 3. a·0<a·b
. ⊢  0<a·b  by Auto
END
```