```
mul_bounds_1a  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_le}
|
.\
. 3. a·0≤a·b
. ⊢  0≤a·b  by Auto
END
```