```
mul_cancel_in_le  THM

⊢  ∀a,b:ℤ, n:ℕ+. n·a≤n·b ⇒ a≤b  by Auto
|
1. a : ℤ
2. b : ℤ
3. n : ℕ+
4. n·a≤n·b
⊢  a≤b  by SimilarTo: Hyp:-1
|
4. b<a
⊢  n·b<n·a
  by BackThru:
     Thm* ∀a,b:ℤ, n:ℕ+. a<b ⇒ n·a<n·b    {mul_preserves_lt}
END
```