```
mul_via_intseg_split_last  THM

⊢  ∀a,b:ℤ, e:({a..b⁻}→ℤ).
   a<b ⇒ (Π i:{a..b⁻}. e(i)) = (Π i:{a..b-1⁻}. e(i))•e(b-1)
  by Inst:
     Thm*  ∀f:(A→A→A), u:A, a,b:ℤ, e:({a..b⁻}→A).
           a<b
           ⇒
           (Iter(f;u) i:{a..b⁻}. e(i))
           =
           f((Iter(f;u) i:{a..b-1⁻}. e(i)),e(b-1))
     {iter_via_intseg_split_last}
     Using:[A:= ℤ | f:= λx,y. x•y | 1]
     THEN
     Reduce Hyp:-1
END
```