```
div_unique  THM

⊢  ∀a:ℕ, n:ℕ+, p,q:ℕ. Div(a;n;p) ⇒ Div(a;n;q) ⇒ p = q
| by Def of Div(<nat>;<nat>;<nat>) THEN UnivCD
|
1. a : ℕ
2. n : ℕ+
3. p : ℕ
4. q : ℕ
5. n·p ≤ a < n·(p+1)
6. n·q ≤ a < n·(q+1)
⊢  p = q
  by FwdThru:
     Thm* ∀k:ℕ+, r1,r2:ℕk, q1,q2:ℤ.
          q1·k+r1 = q2·k+r2 ⇒ q1 = q2 & r1 = r2
     {division1_sfa}
     on [ p·n+a-n·p = q·n+a-n·q ]
END
```