```
div_fun_sat_div_nrel  THM

⊢  ∀a:ℕ, n:ℕ+. Div(a;n;a ÷ n)  by Def of Div(<nat>;<nat>;<nat>)
|
⊢  ∀a:ℕ, n:ℕ+. n·(a ÷ n) ≤ a < n·((a ÷ n)+1)
  by Auto THEN ElaborateDivision Auto 0
END
```