```
division_typing2b_sfa  THM

⊢  ∀a:ℕ, n:{...-1}. (a ÷ n) ∈ {...0}  by Auto
|
.....set predicate .....
1. a : ℕ
2. n : {...-1}
⊢  (a ÷ n)≤0
| by Rewrite by
|    Thm* ∀a:ℕ, b:{...-1}. (a ÷ b) = -(a ÷ (-b))    {div_4_to_1}
|
⊢  -(a ÷ (-n))≤0
  by Inst: Thm* ∀a:ℕ, n:ℕ+. (a ÷ n) ∈ ℕ    {division_typing1a_sfa}
     Using:[a | -n]
END
```