```
rem_sym_1a  THM

⊢  ∀a:ℤ, n:ℤ⁻⁰. (a rem n) = -((-a) rem n)
  by (RWH
      (LemmaC
       Thm* ∀a:ℤ, n:ℤ⁻⁰. -(a rem n) = ((-a) rem n)    {rem_sym_1})
      0)
     THEN
     (ArithSimp 0)
END
```