```
minus_imin  THM

⊢  ∀a,b:ℤ. -imin(a;b) = imax(-a;-b)
| by Auto THEN Decide: a≤b THEN ElimImaxmin Auto 0
|
|\
| 1. a : ℤ
| 2. b : ℤ
| 3. a≤b
| ⊢  -a = -a  by Auto
|
.\
. 1. a : ℤ
. 2. b : ℤ
. 3. ¬a≤b
. ⊢  -b = -b  by Auto
END
```