```
imin_add_r  THM

⊢  ∀a,b,c:ℤ. imin(a;b)+c = imin(a+c;b+c)  by Auto
|
1. a : ℤ
2. b : ℤ
3. c : ℤ
⊢  imin(a;b)+c = imin(a+c;b+c)
| by Decide: a≤b THEN ElimImaxmin Auto 0
|
|\
| 4. a≤b
| ⊢  a+c = a+c  by Auto
|
.\
. 4. ¬a≤b
. ⊢  b+c = b+c  by Auto
END
```