

Inference at * 1 1 0
of proof for Lemma assert_of_le_int:

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1. x : ℤ
2. y : ℤ
⊢ (¬(↑y <ℤ x)) ⇔ (¬(y < x))
  by PERMUTE{1:n, 2:n, 2:n, 2:n, 3:n, 4:n, 5:n, 6:n, 7:n, 8:n}

1: .....wf..... NILNIL

      ⊢ (¬(↑y <ℤ x)) ∈ ℙ1
2: .....wf..... NILNIL

      ⊢ (¬(y < x)) ∈ ℙ1
3: .....wf..... NILNIL

      ⊢ (↑y <ℤ x) ∈ ℙ1
4: .....wf..... NILNIL

      ⊢ (y < x) ∈ ℙ1
5: .....wf..... NILNIL

      ⊢ y ∈ ℤ
6: .....wf..... NILNIL

      ⊢ x ∈ ℤ
7: .....wf..... NILNIL

      ⊢ (¬(y < x)) = (¬(y < x))
8:

      ⊢ (¬(y < x)) ⇔ (¬(y < x))
.

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