

Inference at * 1
of proof for Lemma int_entire:

```

1. a : ℤ
2. b : ℤ
3. (a * b) = 0
⊢ (a = 0) ∨ (b = 0)
  by ((Decide b = 0)
    CollapseTHEN (Auto_aux (first_nat 1:n) ((first_nat 1:n
      ),(first_nat 4:n)) (first_tok :t) inil_term)))

```

1:

```

4. b = 0
⊢ (a = 0) ∨ (b = 0)

```

2:

```

4. ¬(b = 0)
⊢ (a = 0) ∨ (b = 0)

```

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