```
multiply_wf_nat  THM

⊢  ∀m,n:ℕ. m•n ∈ ℕ
| by Id THEN StrongAuto THEN Try (Complete (Unfold ‘label‘ 0))
|
.....set predicate .....
1. m : ℕ
2. n : ℕ
⊢  0≤m•n
| by NInd 2 THEN StrongAuto THEN Try (Complete (Unfold ‘label‘ 0))
|
.....upcase .....
1. m : ℕ
2. n : ℤ
3. 0<n
4. 0≤m•(n-1)
⊢  0≤m•n
  by SupInf THEN StrongAuto THEN Try (Complete (Unfold ‘label‘ 0))
END
```