formula_and_sat_lemma1 THM

```
⊢  ∀a:Assignment, q,r:Formula. a |= q⌈∧⌉r  ⇒ a |= q  & a |= r
| by UnivCD
|
1. a : Assignment
2. q : Formula
3. r : Formula
4. a |= q⌈∧⌉r
⊢  a |= q  & a |= r   by UnfoldTopAb -1 THEN AbReduce -1
|
4. (q under a)  ∧_3 (r under a)  = 3_2
⊢
| by FwdThru
|    Thm* ∀x,y:ℕ_3. x ∧_3 y = 3_2 ⇒ x = 3_2 & y = 3_2
|    {K_and_equal_Three_2}
|    [-1]
|    THEN
|    Sel 2
|    (FwdThru
|     Thm* ∀x,y:ℕ_3. x ∧_3 y = 3_2 ⇒ x = 3_2 & y = 3_2
|     {K_and_equal_Three_2}
|     [-2])
|    THEN
|    OnHyps [-2;-1] (Fold ‘formula_sat‘)
|
5. a |= q
6. a |= r
⊢   by Analyze 0
END
```