```
exp_add  THM

⊢  ∀x,q,n:ℕ. exp(n;x+q) = exp(n;x)·exp(n;q)
  by RewriteOfThm
     Thm* all
          (λp:hnum. all
                    (λq:hnum. all
                              (λn:hnum. equal
                                        (exp(n,add(p,q))
                                        ,mult(exp(n,p),exp(n,q))))))
     {hexp_add}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```