Exercise 2.31

1. ∃x∊ℤ(x2+1=0)
2. ⌐∃x∊ℕ( x > ∞)

∀x ∊ℕ(ℕx → ∃y(ℕy ∧ ⌐L(x,y)) , where L(x,y) = “x is larger than y”

1. ∃x∊ ℕ(P(13)), where P(x)= “x is a prime number”
2. ∃n∊ ℕ (P(n)), where P(n) is a set with prime numbers  
   ∃x∊ ℕ( (d|x = x ∧ x|x=1) → “x is prime”)
3. ∀x∊ ℕ( (d|x = x ∧ x|x=1) → “x is prime”)  
   ∀x∊ ℕ (P(x) = ∞)