Exercise 2.36

1. There exists a real number x such that x2=2.
2. For all natural numbers n and some natural number m, n < m.
3. There exist a not natural numbers d such that bigger than 1 and that divides 2^n + 1 and smaller than it.
4. For all natural numbers n that are bigger than some natural number m, there fit any natural numbers p such that p<=n and m <=p.
5. For all natural numbers m that are bigger or equal to natural number n, goes difference between two real number is bigger or equal to any positive real number.