

Chapter 1

Library set_theory

```
Require Import Coq.Arith.Arith.  
Require Import Coq.Arith.PeanoNat.  
  
Definition nA := 6.  
Definition nB := 5.  
Definition nA_inter_B := 3.  
Definition nA_union_B := nA + nB - nA_inter_B.  
Theorem calculate_nA_union_B :  
  nA_union_B = 8.
```