- *1.1 (i) Prove, in every category C, that each object $A \in C$ has a unique identity morphism.
 - (ii) If f is an isomorphism in a category, prove that its inverse is unique.
- (i) Let 1,1' E Hom (A,A) be identity morphisms. Then 1=11'=1'.
- (ii) Let A+B have inverses g, g'EHom (B, A). Then g = gfg' = g'.