AMAT	327(Z):	Elementar	ry Abstrac	t Algebra	, Spring	2011	Qı	ıiz # 9	), Ma	rch 4
Name:							 			

Prove by induction that if a and b are elements of an abelian group G then for every positive integer  $n \ge 1$  we have  $(a*b)^n = a^n*b^n$ .