Proof 3.28

To prove that every group acts on itself we need show compatibility and faithfulness for a function f: GxG->G:(y,y') -> g'y will G being a group.

Compulibility follows due to groups being commutative

Let ging & Co. Letgy = gg for all ge G assume y 1792 set y to the neutral element & which is aboved since (1) holls true for all g in G.

-> Eyr = Eyr <=> g1 = y2 & y1 + y2

This conclude the proof.