Department of Math Math 337, Puiz #2 which of the following is true and which is false - O y Gisagroup Maind, ax= ya then x=y - By Gis agroup, then (3 is a subgroup of G. - 3 Ang- subgroup of an abelian group is abelian - The union of two subgroups of G is usubgroup. S Any subgroup of non abelian group is non abelian \$\$#27 hi G be abelian group Show that H= [xx2]xEC] & asubgroup of 6.

1152452,1152520,1190392,1191211,1191266,1193003,1193265,1193296,1200675,1200971,1211653, 1212571,1212782,1213047

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Department of Mathematics Quiz # 2 Muth 337 which of the following is true and which is false. O every Group is a subgroup of itself. 2 Every group has at least two subgroups. 3 Any subset of agroup is asubgroup Any infinite group is abelian (In any group of the equation & a=b, a, bec has aunique solution Q#2: lit C-be an abelian lit H= 2 xGC-1 x2=e3 prove that H&G (asubgroup).

1201574,1201598,1202262,1202992,1203283,1210222,1210265,1210495,1210573,1210680,1210702, 1210713, 1210860,1211546

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