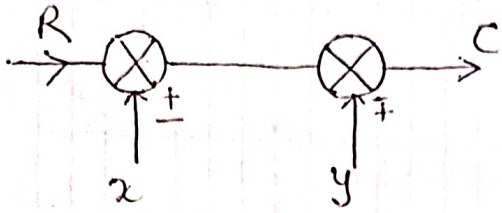
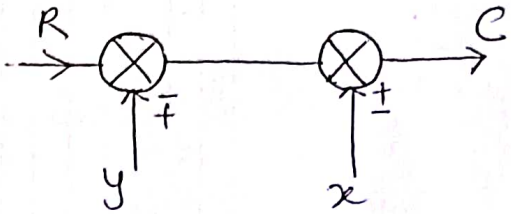
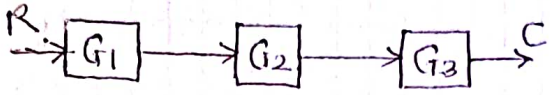
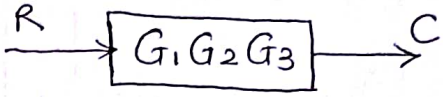
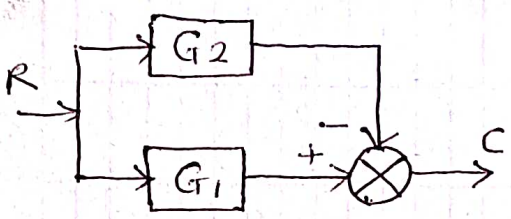
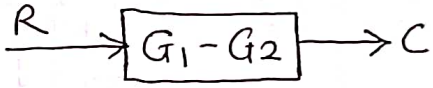
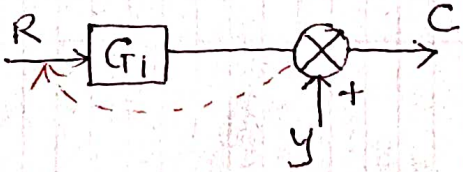
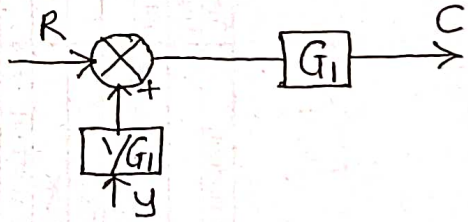
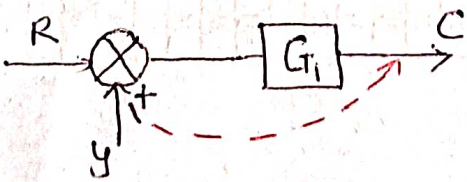
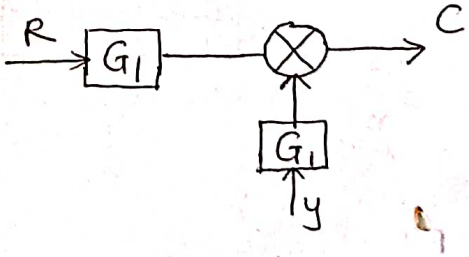
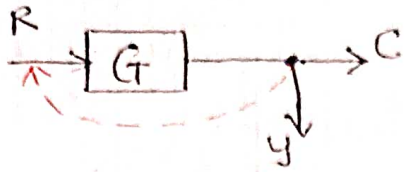
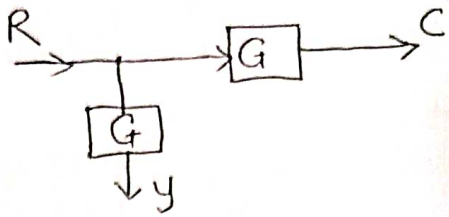
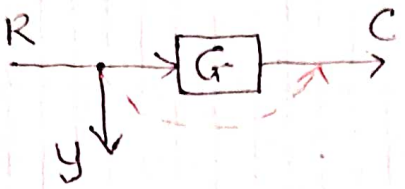
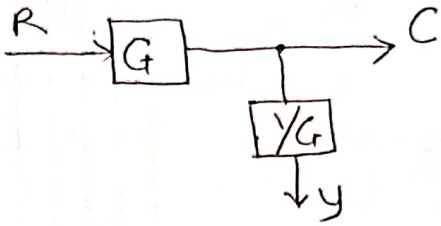
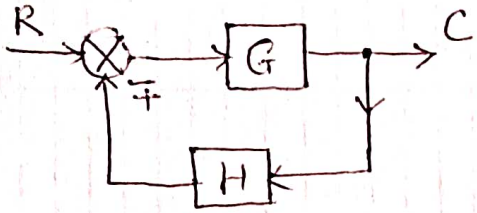
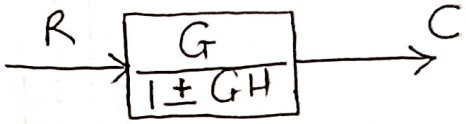
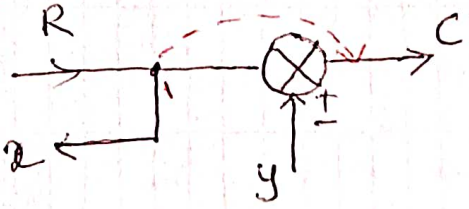
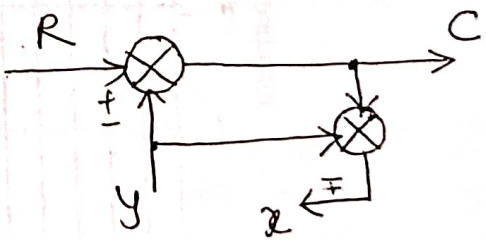
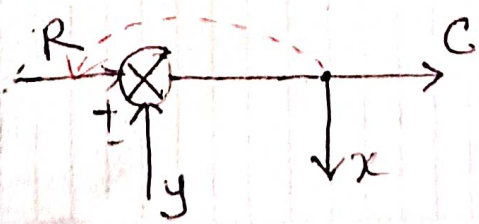
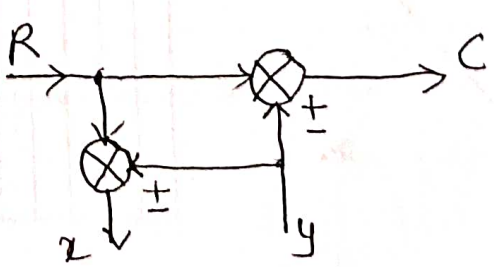
Block Diagram Reduction Rules

① Associative Law		
② Blocks in series		
③ Blocks in Parallel		
④ Shifting summing point behind the block		
⑤ Shifting summing point beyond the block		

Block Diagram Reduction Rules

⑥ Shifting take-off point behind the block		
⑦ Shifting take-off point beyond the block		
⑧ Removing minor feedback loop		
⑨ Shifting take-off point after summing point		
⑩ Shifting take-off point before summing point