

Review on Set Operations Ex: U= 20,1,2,3,4,5,6,7,8,9,403, A= 51,2,3,4,53, B= = {4,5,6,7,8} 1. A UB - \(\frac{2}{1},2,3,4,5,6,7,8\frac{2}{5} 2 ANB = {4,5} 3 A = Eo, G, 7, 8, 8, 603 9. A-B= {1,2,3} 5 B-A- 26, 7, 8 } Set Identities Commutative laws AMB=BMA AUB=BUA Associate forus AU (BUC)= (AUB) UC An(Bnc)=(AnB)nc · Pistributive laws AMBUC) = (AMB) U (AMC)  $AU(B\cap C = (A \cup B) \cap (A \cup C)$ Set I dentities le Morgan's laws AMB = AUB AUB = AMB Absorption lans A (A UB) = A AU(AMB)=A Complement lows ANA = Ø AUA = U

