Problem 3.61 (c) Ax (Bnc) = (AxB)n(Axc) Pf: let A,B,C be sets. CS) let (xy) (Ax(Bnc). By det of Cortesian product, XEA and YEBAC. By defot int, y & Bandy & C. By det Cart prod, (x,y) & AxB and (4y) ∈ AxC. So, (4y) ∈ (AxB) n(AxC).

(2) Reverse above.