(A ↔ B) v C = ((A → B) ^ (B → A)) v C = ((¬A v B) ^ (¬B v A)) v C = ¬(¬((¬A v B) ^ (¬B v A))) v C = **¬(¬A v B) v ¬(¬B v A) v C**

python: (A == B) or C ------- **not(not(not A or B) or not (not B or A)) or C**

¬(A ^ B) v C = **(¬A v ¬B) v C**

python: not(A and B) or C ---------------- **(not A or not B) or C**

¬(A v B) v ¬(B ^ C) = **¬(A v B) v (¬B v ¬C)**

Python: not(A or B) or not(B and C) -------------- **not(A or B) or (not B or not C)**