a) L=(L-R) UR - false TDI EXI L= {a,c}, R= {a,b}, L-R= {c}, L-R) UR= {a,b,c} b) L = (LUR) - R - false. L = {a, c}, R - {a, b}, LUR - {a, b, c}, (LUR)-R-{c} c) true, symmetric difference d) L(RUS) = LRULS - true frov(⊆) Let w∈ L(RUS) => JuEL, we RUS sh wenu =) UER or UES =) { w= no \in LRVLS w = no \in LS | => w \in LRVLS proof ≥) Let WE LRULS =) WELR O "WELS @ U=) -) U EL, U ER st W=NU -=) JACL, CERUS STL W= MG on =) W ∈ L(RUS). Q => J N'EL, L'ES 81L W=N'U' =, JN'EL, V'ERUS) SHE W=N'V' =, W + L. (RUS) 0 & (2) = $W \in L(RUS).$

