Horawerk b.) yes <b, c, f, e> d.) yes (9, c, 9, c, 9) e.) y = 5 < b, c, d, b> f.) yes < b, c, f, e, c, d>

Homework b) Use Matrix G above. G2 = G.G c) <2,4,5,6> d.) <4,17

Homework 6.3+6.4 1.) a.) I, A, F b.) H, D, G c.) {(A,D), (G,F), (D,B), (H,I)} (0.4)
1.) a.) Not equivalent since x, y can share mother and y, z share father, but x, z are unrelated. Therefore not transitive. b.) yes (.) yes (2) (2) (2) d.) yes * Any number plus itself is even e.) 78/18 No 2) a.) \(\((7,99,31) \) \\ \(\((13\) \) \\ \((44,56,4) \) \\ \((34,2) \) \\

Homework 5.) a.) No b.) yes