Phil 225 -- Symbolic Logic
HW 7
Due 3/30/12

1) Derive the last sentence from the given ones. You may use any of the rules on the handout of rules.

(a)   P ↔ (Q → R)
        –(Q v P)
        ―――――――
        R

b)   –P → (Q v R)
        (S v Q) →– R
        – (S → Q)
        ―――――――
        P

(c)   (Q → R) → –P
        S v R
        (U → –P) → –Q
        T → Q
        ―――――――
        –T v S

d)   P → (–Q ∧ R)
        S → (Q v –R)
        –P → R
        ―――――――
        –Q → –S

2)   Chapter 7, ex. 1, parts b,e,f,g,h,j