## Mathis 2nd Assignment

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Ex 1,4
15 a + n (n220). (T)
    b. 3 n (n = 2) ... (F)
    (. + n (n zn) . . (T)
    d = n (n20) . - (F)
 Jika P(x) = "X is perfect" & q(x) = " x is your friends "
 25. a. No one is parfect
    B ~ 3x P(x)
    6. Not Everyone is perfect
   国へ女x PC×)
   C. All your friends are perfect
   J. It beast one of your friend is perfect
   12. 7x (a(x) -> 8(x))
   BJ & (Q(x) AP(x))
   e: Everyone is your friend and is perfect
   [] (Ax a(x)) 1 (4x P(x))
   f. Not every body is gour friend or someone is not perfect
   (X)9 X E ~) V ((X) & X P(X))
Ex 1,5
                             a. 3 n Jm (n+m= +/n -m=1) ...(F)
27. a 4 n 3m (n2 km). _ (5)
                              h. 3n3m(n+m=4 / n-m=2)...(T)
   b. In 4m (n < m2) . (T)
                              1. 4 nVm 3P(P= mrh)/2) _. (F)
  C. 4 n 3 m (mm = 0) ... (T)
  1 Intr (n.m=m)...(T)
  e. In Im (h2+m2=5).(T)
  f. In Im (n2+m2 = 6). (F)
                                  (T). (1=xx <0 + y) (y + 0 > xy=1). (7)
28. a. 4 x 3 y (x2-x) ... (T)
                                      (T) ... (1= +x) yExte
   (A) .. ( "Y = x) y E x 4.d
                                      h.3x 3y (x+2y=2/2x+4y-5) ... (F)
   C. Jx Hy (xy=0) ... (T)
                                      1. ty 3y (x+y=21 2x-y-1)...(F)
  (F) ... (x+y + y+x) y ExEs
                                       1. 4x4y 3z(z = (x+y)/2) ... (T)
  (T) ((1-ex)y E ←0 +x) x 4.9
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