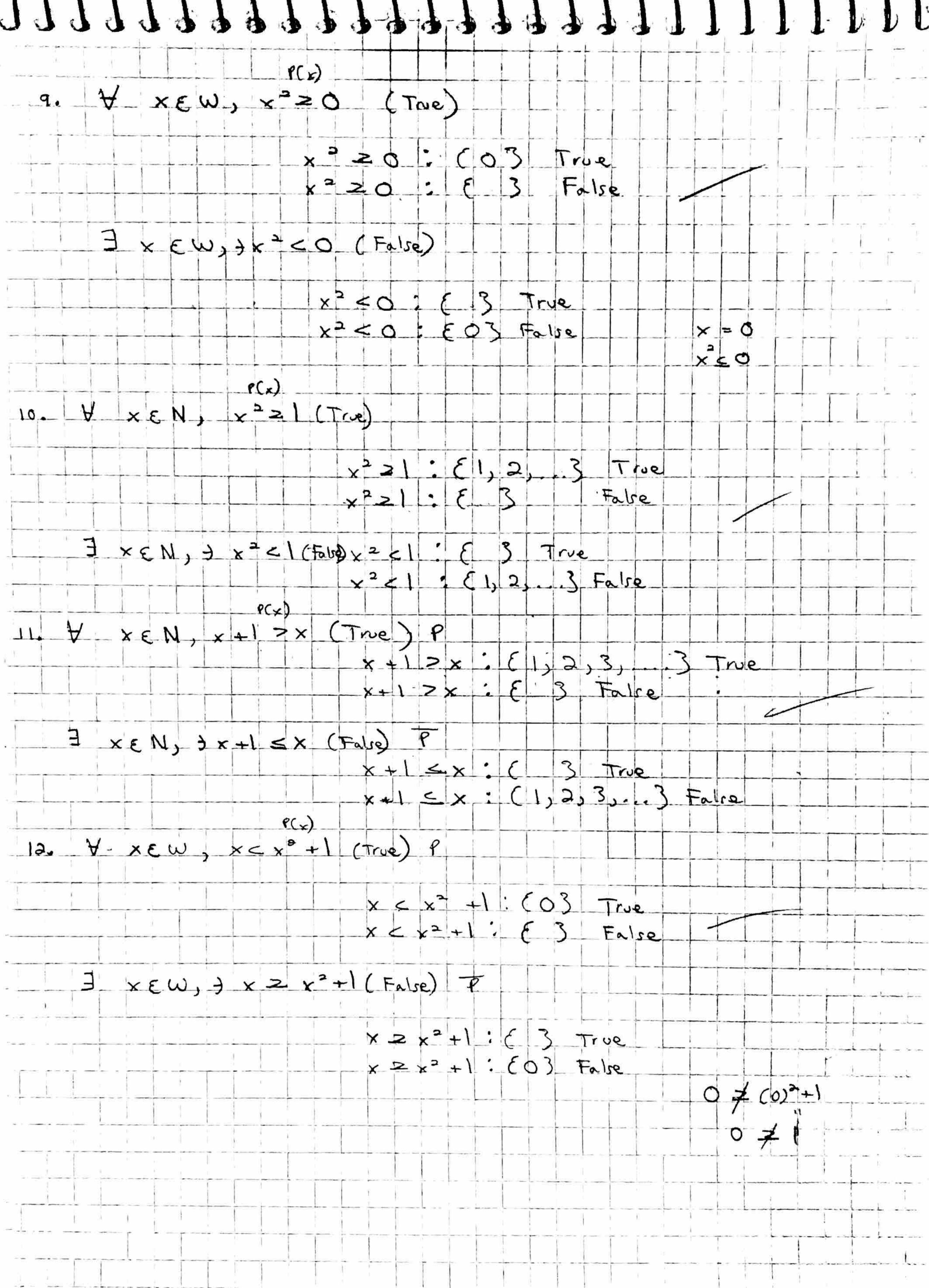


```
39999999999999999999
 G. FXER, AX2X (Tre) P
               x = 2 x (1, 23 True
                                          x = )
                 x2 2 x : EV23 : False
     Y x ER, x = < x (False) P
                   x2 cx: E1/23 True
                  x2 < x: (1) 2 3. False
                                        (0) ° < 0
               (x)
 7. \delta x ER , x = 2 x (False) P
                   ~2 = x: (1, 2 3 True
                  = x ER, x2 < True ) T
                  x = < x ! [ 1/23] True
                  x^2 < x: (-1) 2 3 False
             P(x)
8. Y x E Q, x = 2 x (False) P
                   x 2 = x : []
                   x22x: [1/23] False
  J x EQ, +x2 < x (True) P
                   x2 < x : { 1/2 }
                   x^{2} < x'. \xi 3
```



```
J × ER, > × +1 >0 (True) P
                                                   0+1 >0
                  x+1 >0 [0, 00)
                   x+1 >0 (-00,-1] Fabe
                                                     1 >0
    YER, 3 x+1 =0 (False) P
                       x+1 < 0 (-00, -1) True
                        x+1 ≤0 [0, ∞) Folse
                                                    \times = 0
9. (sunt) 0= 4-cx EN, 3x EN, P
                    x 2 - 4 = 0 { 2} True | x = 2
                    x 2-4 =0 [.1,2) U(2,00) False (2)2-4=0
   ₩ x ∈ N, 3 x²-4 ≠ O (False) P
                    x 2 - 4 $ 0 [1,2) U(2,00) The
                    x=-4 $0 (23 False
                          P(x)
          x, y \ N ) X < y (False) P
                         x = y = 23 True

x = y = 23 False
      F (sur) YEN, 3x E) F
                         x = y \in x = 3, y = 23 The x = y \in x = 1, y = 23 False
```

