```
Q8) Let YX, V E Z/ Such x that's svad swill su
                        contra or you could be a contraction
                                                        210x2+3)CN2+6) (2XX) WL(21Y)
下下~
                       * This ( 85 10 sically) earnitient was [] and []:
                       5 = 1721Cx2+3)C+2+6) => C2xx) V(C21+)
                          [2] (2 xx) ( (2/1x) =>>2/(x2+3) (42+6)
œ_
XXXX
W.
                         Case []: Assume 21 (x2+3) (42+6)
田本
                       2> 210x242+6x4+842+18)
                       => 2 1 N2 Cx2 +37 + H6x2 + 18
                       2) 12a -2b 2 42 cx2+3) 1 6 (48) (48) (48) (48)
STA
                       23 2 (a-1) 2 42 (x2+3)
                       27 2C 2 42 Cx2 +3) ( C = C = C = Z, C = a - b)
下下下
                      27 21 y2 (x2+3) A
             to find when this is there we will do-14 4 cases (3K & Z) an
                                                                                                                    MBCKG V
                       III several was see I see S. F.J.
                       Case la: X is odd 1 Case 161 X is even Case 16: Y is even: 1
                11 27 X 2/214+1 1 27 X 2/21 27 X 2/21 27 X 2/214 1 27 Y 2/214 1
                      27 21 N2 Cx3+3) A 27 21 Y2 (x2+3) 27 21 Y2 (x2
               A
                       ∃ a, € Z, a, =(2k2+2k+2)y2
                                                                                                                                  36,6Z, 6,=21c2cx2+3)
                                                                                                                                                  27 21261
                       272120,
```

27 there for all cares

27 Thre for all cases