

Impact Simplified Watimaglo Polynomial and polynomial equation  $x^{2} + px + q = 0$  2 + p = -b 2 + p = -b 3 + p = -b= -P/ = -P 282C = 9/1 = 9 1- 2 - Suma + product = 0 Sum of roots = (d+8) + (d-8) Note d-B B)2 - 22+ B2 - 2d8 (d-B)= (d+B)2-4dp 2-d-p= 1 p2 -49 1 1 1 1 1 Sum of roots = -p+J2-49
grodust of roots = [d+p][d-p] : ne - Suna + product = 0 22- [p+Jp2-49] 2+[-pJp2-49]=0 22-[p+Jp2-49] 2-pJp2-49]=0 22-px-Jp2-49 x -pJp2-49 =0 22-pn-12-49[2+9]=0

Impact Simplified 1=0 1+d and 1+3 2-d 2-B  $dt_1 = \frac{-b}{a}$ Sum = 1 td + 1 tp 2-d 2-b = (1+h)(2-b) + ((tp)(2-d) (2-L) (2-p) = 2-B+21-LB+2-L+2B+4B 4-2B-22+LB = 4+d+p-2dp 4-2(2+4)+24 = 4f1f2 4-2-1 Product = 1+d x 1+p 2-d + 2-p = 1+d+p+dp 4-22-20 +20 + = 1+1-1 4 4-2 (2+p)-1 158- 38 2 2 - Fretteto









