

Minimum value of 22-15xc-2=0 5-) The minimum value of a quadratic equation

922+52+c=0 is -6 From the equation given, a=1, b=-15, c=-21. -5 = - (-5) = 1.118 ~ 1.12

6) 5p2-4p-3=0 Quadratic formula = - 5 + 15-490 Where a=5, b=-4, c=-3 Substituting the numbers: -(-4) + J(-4)2-4x5x-3 = 4+ 116 * 60 = 4+176 10 = 4+8.72 (0) = 1.27 = 4-8-72 =-0.47 P=1-27 or -0.47 7 5,8,13,21,... Prove that it is neither For 90 Hometic progression, common difference = T2-T1= +3-T2 but for the sequence; 2) 8-5 \$\pm\$ 13-8 For geometric progression, common ratio; = 12 = 13 11 (2 but for the sequence; 3 8 7 13