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Quadratic Equation
    ax2 + bx+c = 0; a, b, c eR and a $0
      hoofs [x] = -b \pm \sqrt{b^2 - 4ac}
      Discriminant = D = b2-490
(i) if D>O; soots are distinct and real.
ii) if D = 0; Roots are Equal and real
  iii) if D(0; soots are imaginary (complex soots)

\underline{x}
 ax^2+bx+c=0
   if of and B are roots of equation
       Sum of scoots; [X+B=-\frac{b}{a}]
        fooduct of soots; [ & B = C]
  So; \left[x^2 - (\alpha + \beta)x + \alpha\beta = 0\right]
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