

$01000110017294.564.5645454.564.56\pi e e i i \gamma^\infty 227\pi a11a12 \dots a1na21a22$
 $\dots a2n : a m 1 a m 2 \dots a m n x \underline{1x^2} : x n = b 1 b 2 : b n f x = \sum_{j=0}^\infty f_j 0 j ! x_j x^2 - 9 = x$
 $2 - 3^2 = x - 3 \quad x + 3 x^2 - 9 = x^2 - \underline{3^2}$

$a x^2 + b x + c = 0 \quad a x^2 + b x = - c \quad x^2 + b a x = - c a$ Divide out leading coefficient. $x^2 + b a x + b^2 a^2 = - c (4 a) a (4 a) + b^2 4 a^2$ Complete the square. $(x + b^2 a)(x + b^2 a) = b^2 - 4 a c$
 $4 a^2$ Discriminant revealed. $(x + b^2 a)^2 = b^2 - 4 a c \quad 4 a^2 x + b^2 a = b^2 - 4 a c \quad 4 a^2 x = - b^2 a \pm \{ C \} b^2 - 4 a c \quad 4 a^2$ There's the vertex formula. $x = - b \pm \{ C \} b^2 - 4 a c^2 a$