010001100

17 29

4.56 4.56 4 5 4 5 4.56 4.56 π ⅇ ⅇ &Imaginaryl; ⅈ γ ∞

22 7 π

a 1 1 a 1 2 ... a 1 n a 2 1 a 2 2 ... a 2 n \Box a m 1 a m 2 ... a m n x 1 x 2 \Box x n = b 1 b 2 \Box b n

 $fx = \sum j = 0 \infty fj 0j!xj$

x 2 - 9 = x 2 - 3 2 = x - 3 & Invisible Times; x + 3

x 2 - 9 = x 2 - 3 2

a x 2 + b x + c = 0 a x 2 + b x = -c 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 4 a 2 x + b 2 a = b 2 - 4 a c 4 a 2 x = -b 2 a $\pm \{C\}$ b 2 - 4 a c 4 a 2 There's the vertex formula. $x = -b \pm \{C\}$ b 2 - 4 a c 2 a