

0 1 0 0 0 1 1 0 0

17 29

4.56 4.56 4 5 4 5 4.56 4.56  $\pi$  &ExponentialE; &ee; &ImaginaryI; &ii;  $\gamma$   $\infty$

22 7  $\pi$

$a_1 a_2 \dots a_n a_1 a_2 \dots a_n \dots a_m a_1 a_2 \dots a_m x_1 x_2 \dots x_n = b_1 b_2 \dots b_n$

$f_x = \hat{a}_j = 0 \hat{a}_j 0! x_j$

$x^2 - 9 = x^2 - 3^2 = (x - 3)(x + 3)$

$x^2 - 9 = x^2 - 3^2$

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