## 010001100

17 29

4.56 4.56 4 5 4 5 4.56 4.56  $\pi$  ⅇ ⅇ ⅈ ⅈ  $\gamma \propto$ 

22 7 π

a11a12...a1na21a22...a2n $\square$ am1am2...amnx1x2 $\square$ xn=b1b2 $\square$ bn

fx=âj=0âfj0j!xj

x2-9=x2-32=x-3⁢x+3

x2-9=x2-32

 $a\hat{a}$ ¢x2 +  $b\hat{a}$ ¢x + c=0 $a\hat{a}$ ¢x2 +  $b\hat{a}$ ¢x=- cx2 +  $ba\hat{a}$ x=-caDivide out leading coefficient.x2 +  $ba\hat{a}$ x + b2a2=-c(4a)a(4a) + b24a2Complete the square.(x + b2a)(x + b2a)=b2 - 4ac4a2Discriminant revealed.(x + b2a)2=b2 - 4ac4a2x + b2a=b2 - 4ac4a2x=- $b2a\hat{A}$ ±{C}b2 - 4ac4a2There's the vertex formula.x=-  $b\hat{A}$ ±{C}b2 - 4ac2a