0 1 0 0 0 1 1 0 0

17 29

4.56 4.56 4 5 4 5 4.56 4.56 π ⅇ ⅇ ⅈ ⅈ γ ∞

22 7 π

a11a12…a1na21a22…a2n□am1am2…amnx1x2□xn=b1b2□bn

fx=âj=0âfj0j!xj

x2-9=x2-32=x-3⁢x+3

x2-9=x2-32

aâ¢x2 + bâ¢x + c=0aâ¢x2 + bâ¢x=- cx2 + baâ¤x=-caDivide out leading coefficient.x2 + baâ¤x + b2a2=-c(4a)a(4a) + b24a2Complete the square.(x + b2a)(x + b2a)=b2 - 4ac4a2Discriminant revealed.(x + b2a)2=b2 - 4ac4a2x + b2a=b2 - 4ac4a2x=-b2aÂ±{C}b2 - 4ac4a2There's the vertex formula.x=- bÂ±{C}b2 - 4ac2a