

$$010001100$$

$$17\ 29$$

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

$$22\ 7\ \pi$$

$$\begin{matrix} a_{11} & a_{12} & \dots & a_{1n} & a_{21} & a_{22} & \dots & a_{2n} & \dots & a_{m1} & a_{m2} & \dots & a_{mn} \end{matrix} \begin{matrix} x_1 & x_2 & \dots & x_n \end{matrix} = \begin{matrix} b_1 & b_2 & \dots & b_n \end{matrix}$$

$$f(x) = \sum_{j=0}^{\infty} \frac{f^{(j)}(0)}{j!} x^j$$

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

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

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