$ax^2+bx+c=0$

~~$x^2+5b+6=9$~~
~~$x^2+5b=-1$~~
$x^2+5b+6=0$
$(x+3)(x+2)$

~~ax^2+bx+c~~

$ax^2+bx+c=(a+b)^2$
~~ax^2~~

$(a+b)^2=ax^2+bx\cdot 1$
$(a-b)^2=$
$(a+b)^2(a-b)$

$(a+b)(a+b)=a^2+ab+ab+b^2=a^2+2ab+b^2$
$(a-b)(a-b)=a^2-ab-ab+b^2=a^2-2ab+b^2$
$(a+b)(a-b)=a^2-ab+ab-b^2=a^2-b^2$

$4x^2-2x-5=0$
$4x^2-2x=5 \quad +5$
$x^2-\frac{1}{2}x=\frac{5}{4} \quad \div 4$

Derived value $=b\cdot\frac{1}{2}=(-\frac{1}{2})\cdot\frac{1}{2}=-\frac{1}{4}=e$
$e^2=(-\frac{1}{4})^2=\frac{1}{16}$

$x^2-\frac{1}{2}x=\frac{5}{4}$
$x^2-\frac{1}{2}x+\frac{1}{16}=\frac{5}{4}+\frac{1}{16}$
$=\frac{20}{16}+\frac{1}{16}$
$=\frac{21}{16}$

$x^2-\frac{1}{2}x+\frac{1}{16}=\frac{21}{16}$

$x^2-\frac{1}{2}x+\frac{1}{16}=(a-b)^2$
$a^2-2ab+b^2 \quad a=x \quad b=\frac{1}{4}$
$x^2-2\cdot x\cdot\frac{1}{4}+(\frac{1}{4})^2=x^2-\frac{1}{2}x+\frac{1}{16}$

$x^2-\frac{1}{2}x+\frac{1}{16}=(x-\frac{1}{4})$

$(x-\frac{1}{4})^2=\frac{21}{16}$
$\sqrt{(x-\frac{1}{4})^2}=\pm\sqrt{\frac{21}{16}}$
$x-\frac{1}{4}=\pm\sqrt{\frac{21}{16}}$
$x=\frac{1}{4}+\sqrt{\frac{21}{16}} \quad || \quad x=\frac{1}{4}-\sqrt{\frac{21}{16}}$

$x^2+6x-7=0$

$(x+7)(x-1)=0$

$x=-7,\ x=1$

$x^2+6x-7=0$

$x^2+6x=7$

$(b\cdot\frac{1}{2})^2$

!! $\omega=+6$

$+6\cdot\frac{1}{2}=3$

$3^2=9$

~~$2b=b^2$~~

$2b$

$x^2+6x+9=7+9$

$x^2+6x+9=16$

$(x+3)^2=16$

$x+3=\pm\sqrt{16}$

$x=4+3,\ x=4-3$

$7x^2+29x-13=7$

$7x^2+29x=20$

~~$\left(\frac{29}{2}\right)^2 \quad (14.5)^2$~~ $\div 7$

$x^2+\frac{29}{7}x=\frac{20}{7}$

$\left(\frac{29}{7}\cdot\frac{1}{2}\right)^2$

$x^2+\frac{29}{7}x+\left(\frac{29}{14}\right)^2=\frac{20}{7}+\left(\frac{29}{14}\right)^2$

$\left(x+\frac{29}{14}\right)^2=\frac{20}{7}+\left(\frac{29}{14}\right)^2$

$x+\frac{29}{14}=\pm\sqrt{\frac{20}{7}+\left(\frac{29}{14}\right)^2}$

$x=\sqrt{\frac{20}{7}+\left(\frac{29}{14}\right)^2}-\frac{29}{14}$

$x=-\sqrt{\frac{20}{7}+\left(\frac{29}{14}\right)^2}-\frac{29}{14}$