

Solve polynomial equations with degree $n$ in the form $a x^{2}+b x+c=0$
Learning outcomes Find the n root of a complex number when $\mathrm{n} \in \mathrm{I}^{+}$, and Solve polynomial equations of one variable with integer coefficients of degree less than or equal to three.
Intended destination Solve polynomial equations of one variable of the form $a x^{2}+b x+c=0$ the coefficients are integers.
Name $\qquad$ Class. $\qquad$ No. $\qquad$
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## Example

1. $x^{2}+3 x-4=0$
$2 x^{2}+x+1=0$
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$(x+4)(x-1)=0$
$x=1,-4$
$a=1$ (coefficients of $x^{2}$ )
$b=1($ coefficients of $x)$
$\mathrm{c}=1$ (Constant)
answer $\{1,-4\}$


| 1) $3 x^{2}-2 x+1=0$ <br> Solution | Solution | $x^{2}-2 x-1=0$ |
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Summary score
Score 8 points made $\qquad$ points
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