이차방정식의 근과 계수의 관계
(Vieta's Formula in Quadratic Equations)

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Let

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Let α

Start End

Let α, β

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Let α, β be the roots

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Let α, β be the roots of the equation.

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$$ax^2 + bx + c = 0$$

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Let α, β be the roots of the equation.

$$ax^2 + bx + c = 0 \ (a \neq 0)$$

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$$ax^2 + bx + c = 0 \ (a \neq 0)$$

$$\alpha + \beta = -\frac{b}{a}, \ \alpha\beta = \frac{c}{a}$$ proof

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$$\begin{cases} (x-\alpha)(x-\beta) &= 0 \\ \\ \end{cases}$$

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Github:
https://min7014.github.io/math20210204001.html

Click or paste URL into the URL search bar, and you can see a picture moving.