

부등식을 그래프로 풀기($f(x) \leq g(x)$)
(Solve Inequalities with a Graph($f(x) \leq g(x)$))

Solve Inequalities with a Graph($f(x) \leq g(x)$)

▶ Start

▶ End

Solve Inequalities with a Graph($f(x) \leq g(x)$)

▶ Start

▶ End

$$f(x) \leq g(x)$$

Solve Inequalities with a Graph($f(x) \leq g(x)$)

▶ Start

▶ End

$$f(x) \leq g(x)$$

$$f(x) \leq y \leq g(x)$$

Solve Inequalities with a Graph($f(x) \leq g(x)$)

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$$f(x) \leq y \leq g(x)$$



Solve Inequalities with a Graph($f(x) \leq g(x)$)

▶ Start

▶ End

$$f(x) \leq g(x)$$

$$f(x) \leq y \leq g(x)$$

$$y = g(x)$$



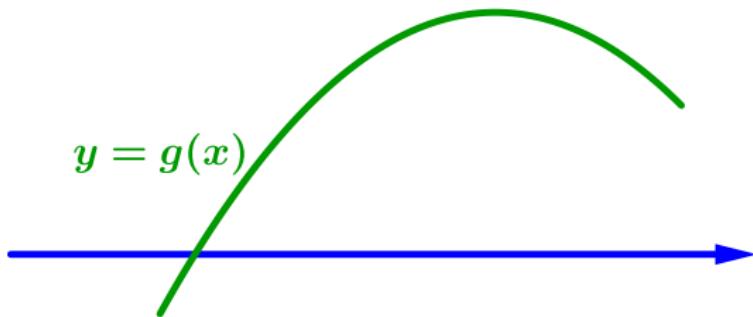
Solve Inequalities with a Graph($f(x) \leq g(x)$)

▶ Start

▶ End

$$f(x) \leq g(x)$$

$$f(x) \leq y \leq g(x)$$



Solve Inequalities with a Graph($f(x) \leq g(x)$)

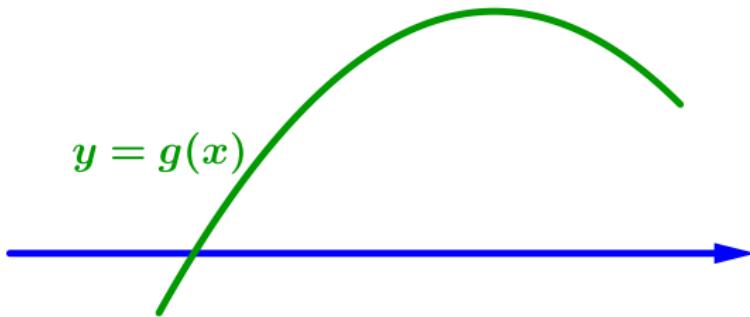
▶ Start

▶ End

$$f(x) \leq g(x)$$

$$f(x) \leq y \leq g(x)$$

$$y = f(x)$$

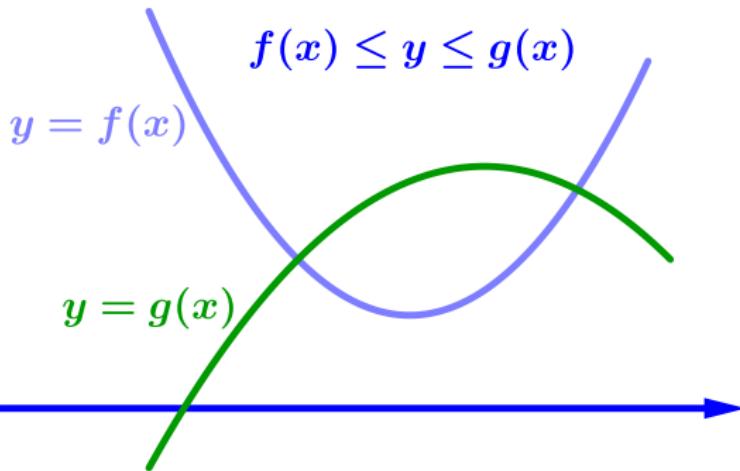


Solve Inequalities with a Graph($f(x) \leq g(x)$)

▶ Start

▶ End

$$f(x) \leq g(x)$$



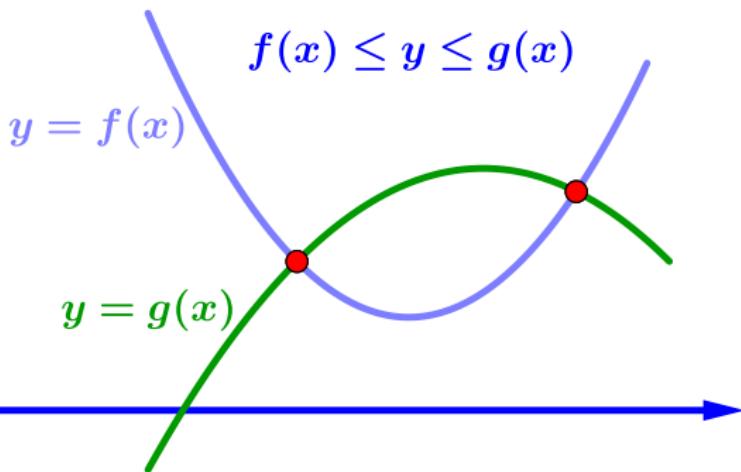
Solve Inequalities with a Graph($f(x) \leq g(x)$)

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$$f(x) \leq g(x)$$

$$f(x) \leq y \leq g(x)$$



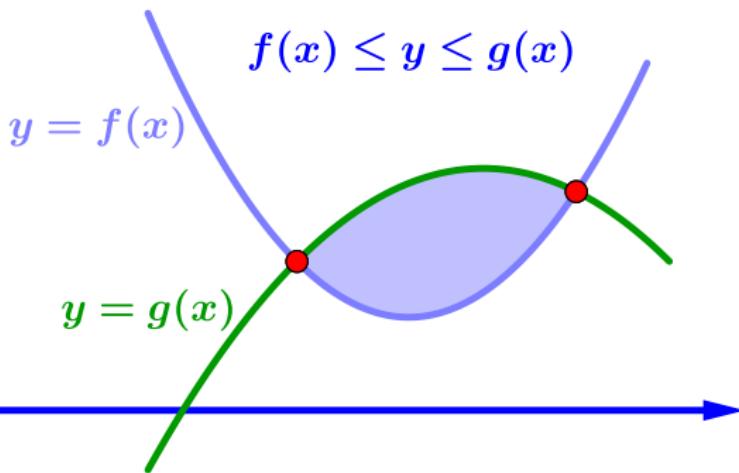
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▶ Start

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$$f(x) \leq g(x)$$

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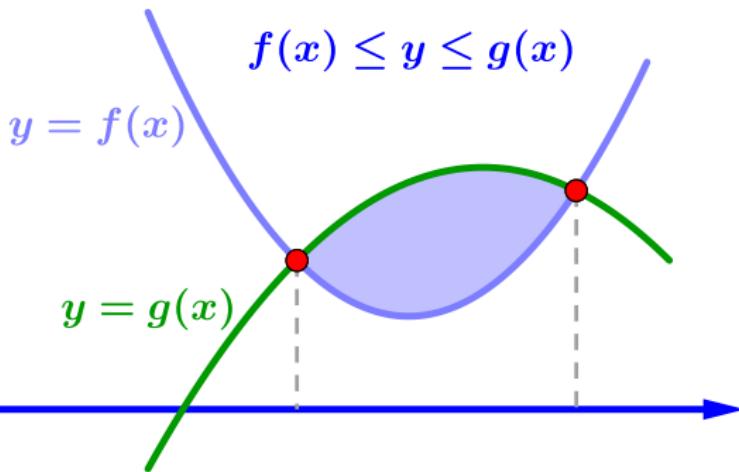
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$$f(x) \leq g(x)$$

$$f(x) \leq y \leq g(x)$$



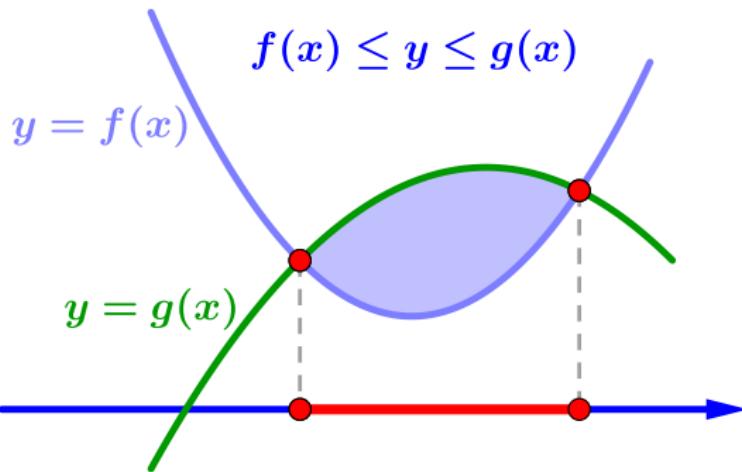
Solve Inequalities with a Graph($f(x) \leq g(x)$)

▶ Start

▶ End

$$f(x) \leq g(x)$$

$$f(x) \leq y \leq g(x)$$



Solve Inequalities with a Graph($f(x) \leq g(x)$)

▶ Home ▶ Start ▶ End

Solve Inequalities with a Graph($f(x) \leq g(x)$)

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$$x_0 \in \{x \mid f(x) \leq g(x)\}$$

Solve Inequalities with a Graph($f(x) \leq g(x)$)

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$$x_0 \in \{x \mid f(x) \leq g(x)\} \Leftrightarrow f(x_0) \leq g(x_0)$$

Solve Inequalities with a Graph($f(x) \leq g(x)$)

▶ Home

▶ Start

▶ End

$$\begin{aligned}x_0 \in \{x \mid f(x) \leq g(x)\} &\Leftrightarrow f(x_0) \leq g(x_0) \\&\Leftrightarrow f(x_0) \leq \frac{f(x_0) + g(x_0)}{2} \leq g(x_0)\end{aligned}$$

Solve Inequalities with a Graph($f(x) \leq g(x)$)

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▶ End

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Solve Inequalities with a Graph($f(x) \leq g(x)$)

▶ Home ▶ Start ▶ End

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▶ Home ▶ Start ▶ End

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Github:

<https://min7014.github.io/math20210708001.html>

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and you can see a picture moving.