

$$\{x \mid f(x) = g(x)\} = \{x \mid f(x) = y = g(x)\}$$

$f(x) = g(x)$ 꼴의 방정식을 그래프로 풀기

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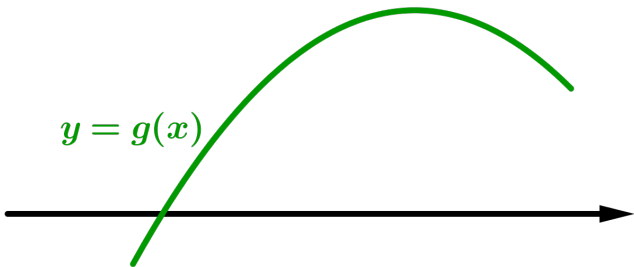
$$y = g(x)$$



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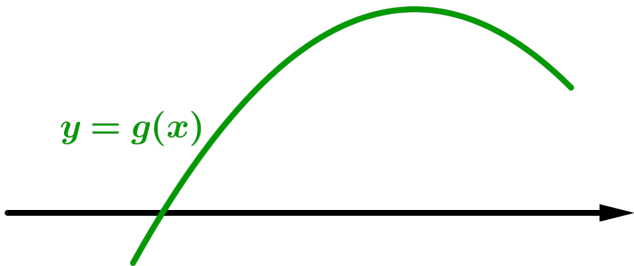
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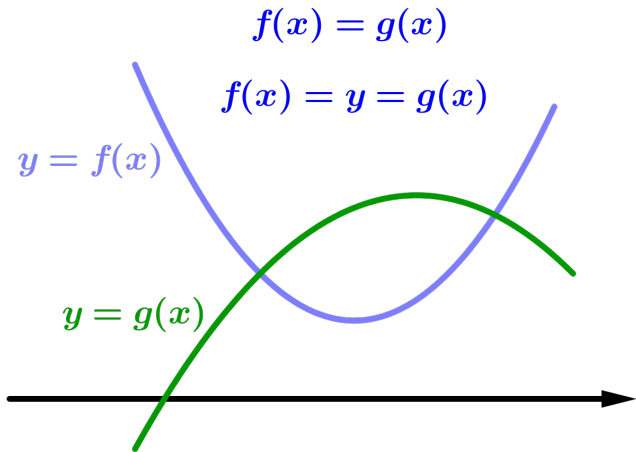
$$f(x) = y = g(x)$$

$$y = f(x)$$

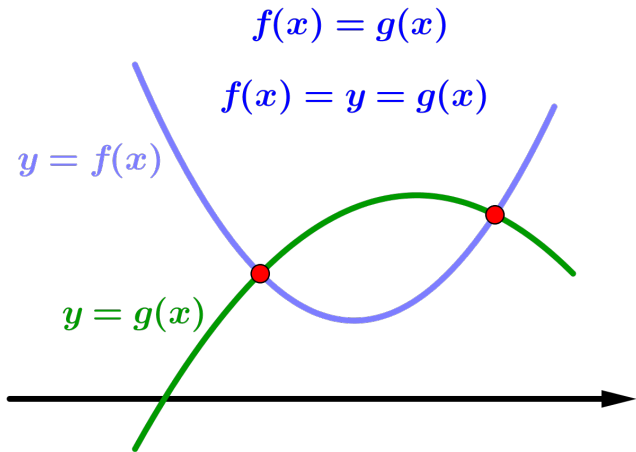
$$y = g(x)$$



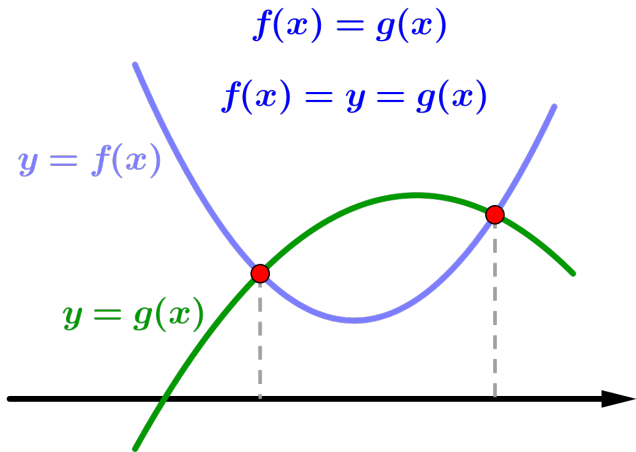
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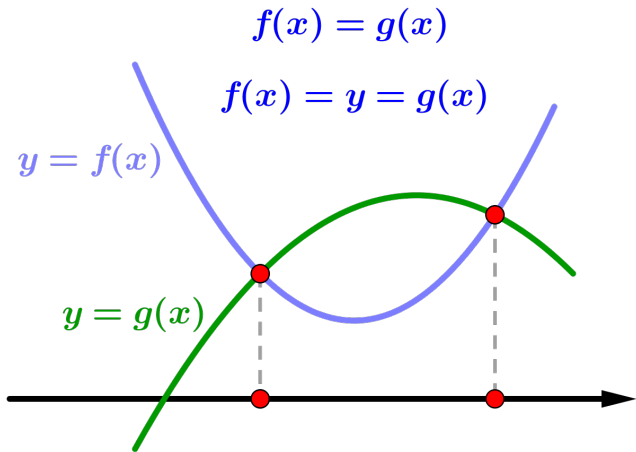
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$$x_0 \in \{x \mid f(x) = g(x)\} \Leftrightarrow f(x_0) = g(x_0)$$

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$$\begin{aligned}x_0 \in \{x \mid f(x) = g(x)\} &\Leftrightarrow f(x_0) = g(x_0) \\ &\Leftrightarrow f(x_0) = y_0 = g(x_0)\end{aligned}$$

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