$$g(x) = \frac{x^2 - 1}{x - 1} \text{의 } x = 1 \text{에서의 불연속}$$
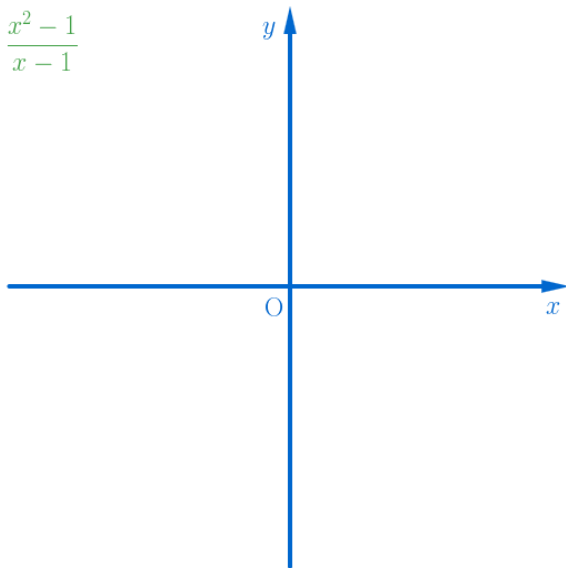
(Discontinuity for $g(x) = \dfrac{x^2 - 1}{x - 1}$ at $x = 1$)

Discontinuity for $g(x) = \dfrac{x^2 - 1}{x - 1}$ at $x = 1$

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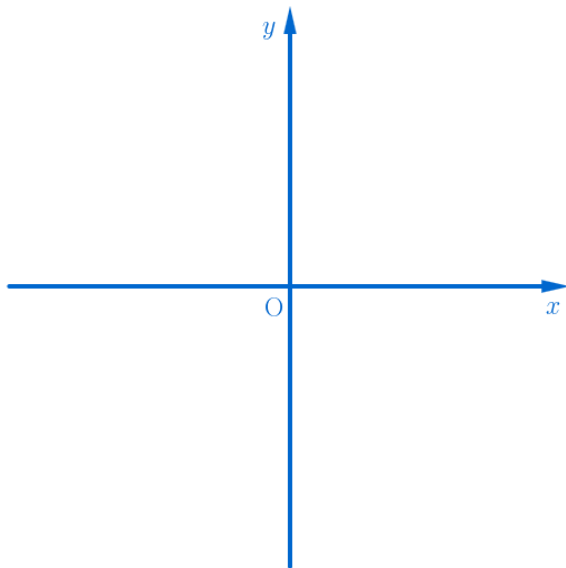
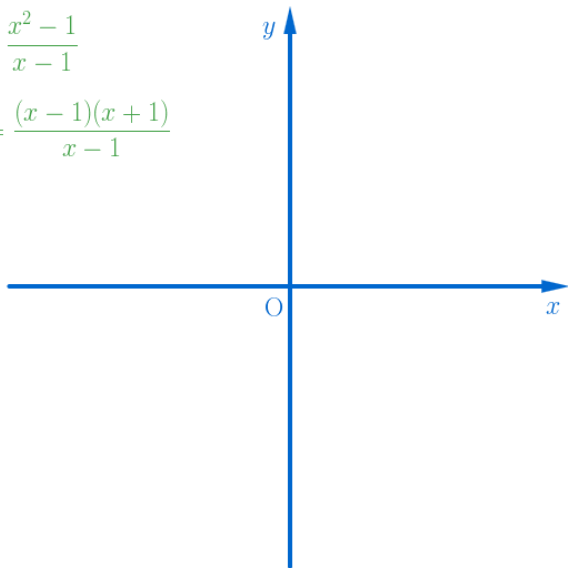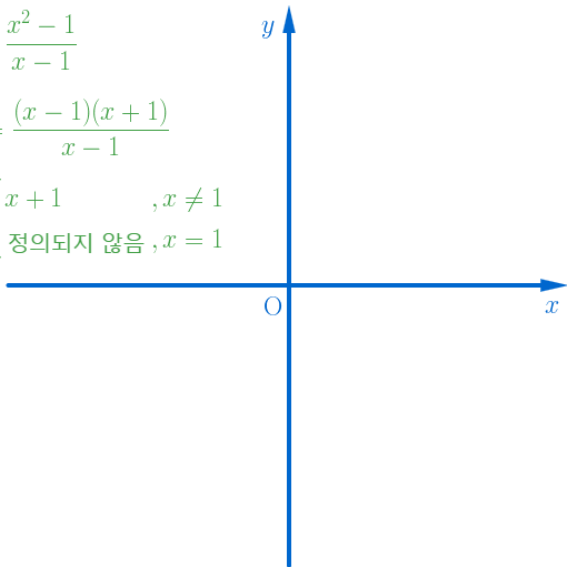Discontinuity for $g(x) = \dfrac{x^2 - 1}{x - 1}$ at $x = 1$

$$y = g(x) = \frac{x^2 - 1}{x - 1}$$

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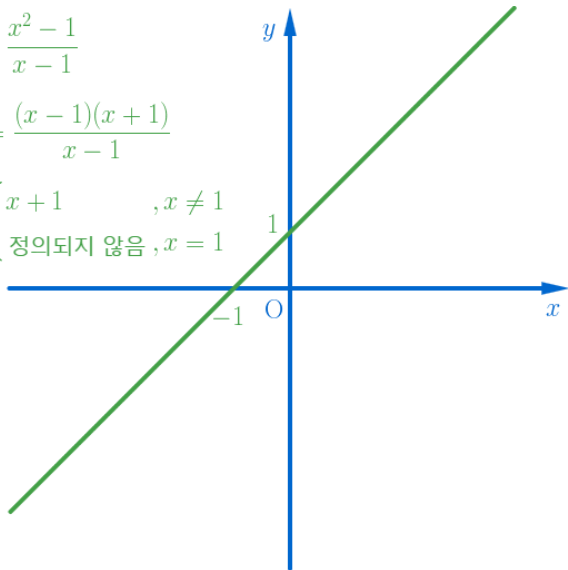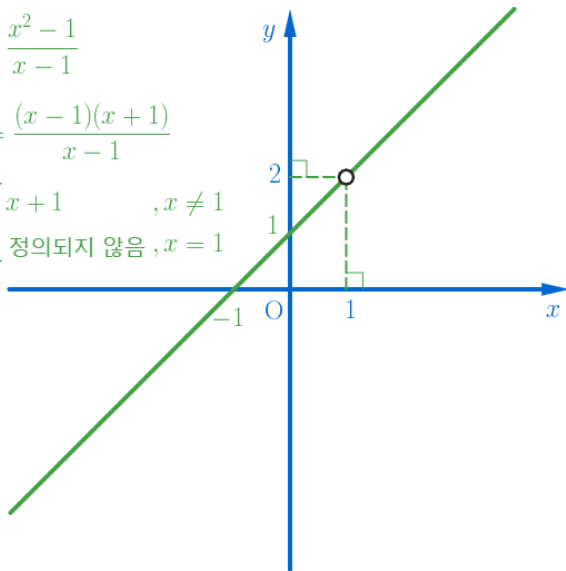$$y = g(x) = \begin{cases} x + 1 & , x \neq 1 \\ \text{정의되지 않음} & , x = 1 \end{cases}$$

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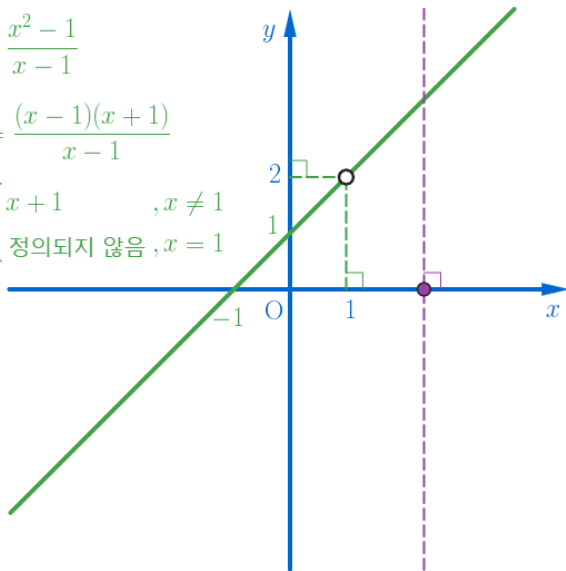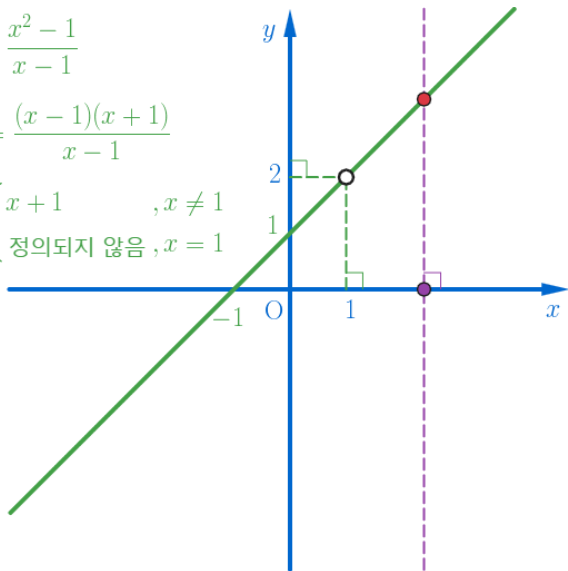$$y = g(x) = \begin{cases} x + 1 & , x \neq 1 \\ \text{정의되지 않음} & , x = 1 \end{cases}$$

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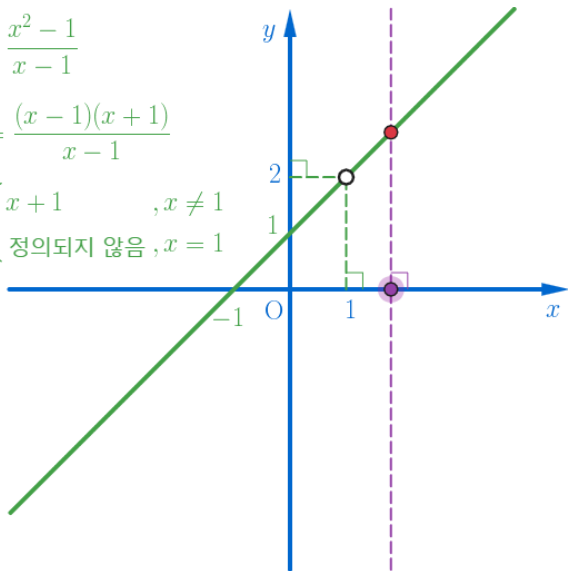$$y = g(x) = \begin{cases} x + 1 & , x \neq 1 \\ \text{정의되지 않음} & , x = 1 \end{cases}$$

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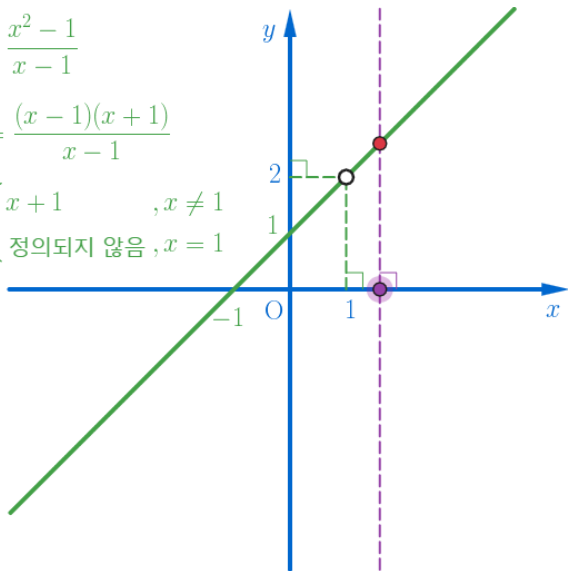$$y = g(x) = \begin{cases} x + 1 & , x \neq 1 \\ \text{정의되지 않음} & , x = 1 \end{cases}$$

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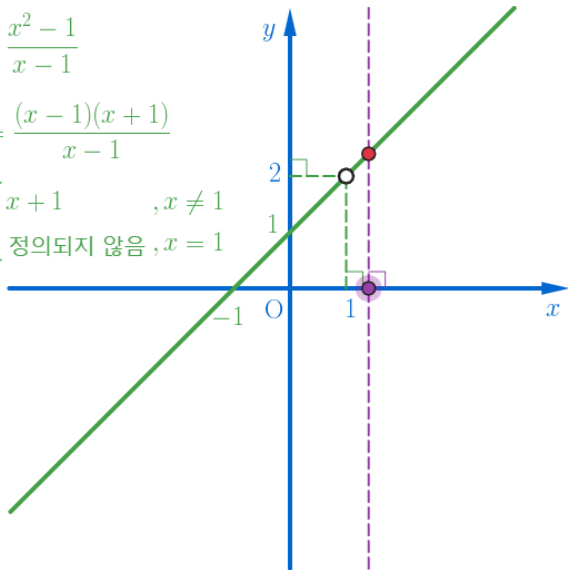$$y = g(x) = \begin{cases} x + 1 & , x \neq 1 \\ \text{정의되지 않음} & , x = 1 \end{cases}$$

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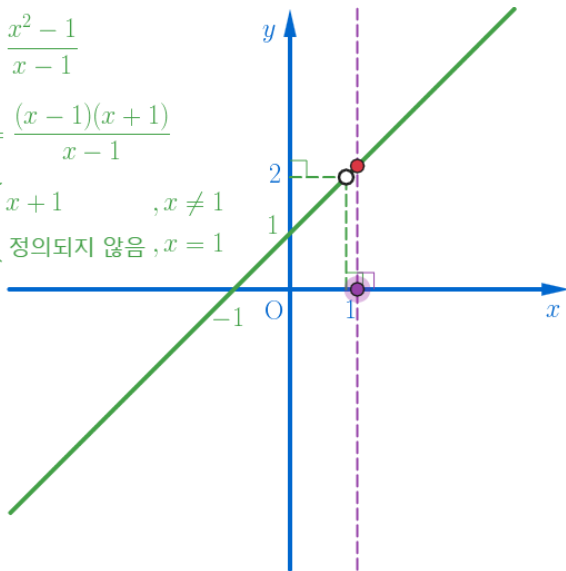$$y = g(x) = \begin{cases} x + 1 & , x \neq 1 \\ \text{정의되지 않음} & , x = 1 \end{cases}$$

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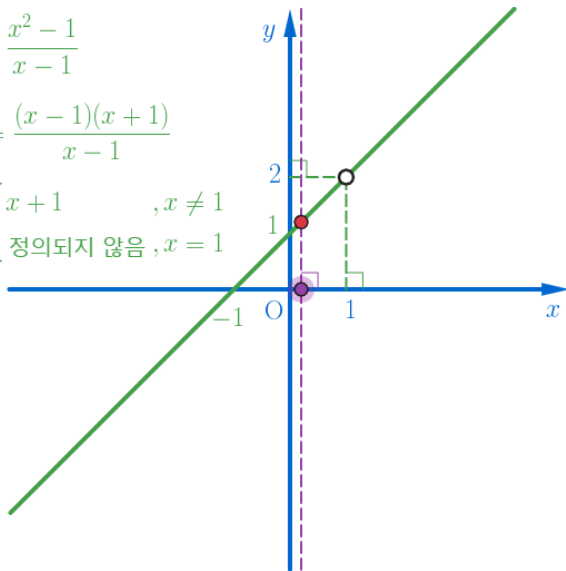$$y = g(x) = \begin{cases} x + 1 & , x \neq 1 \\ \text{정의되지 않음} & , x = 1 \end{cases}$$

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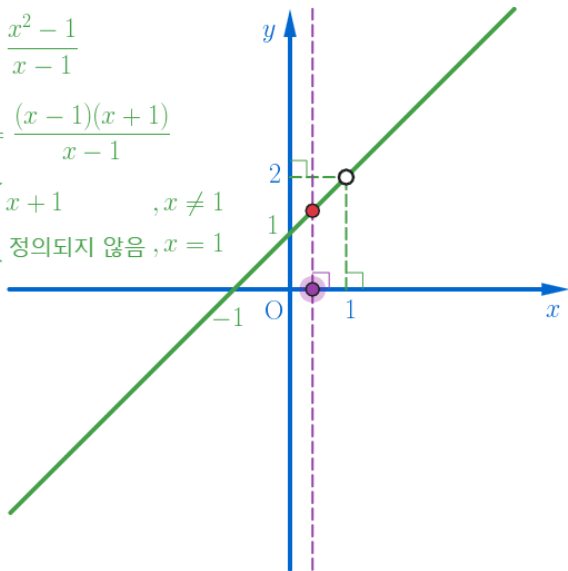$$y = g(x) = \begin{cases} x + 1 & , x \neq 1 \\ \text{정의되지 않음} & , x = 1 \end{cases}$$

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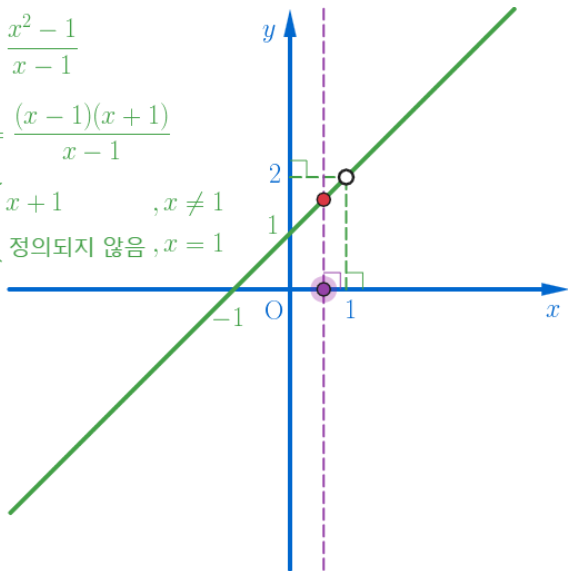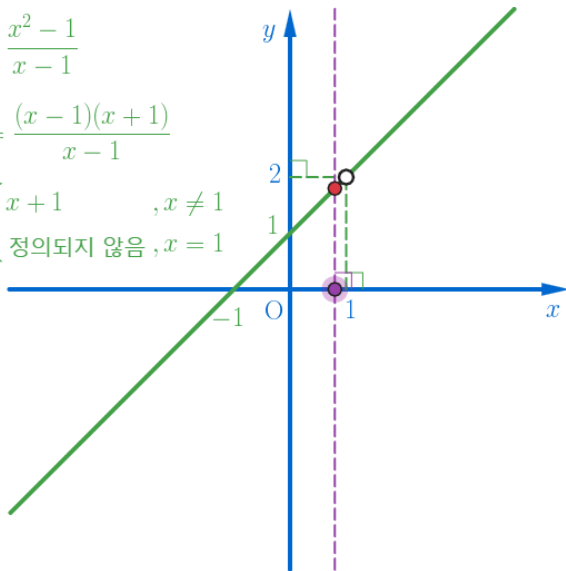
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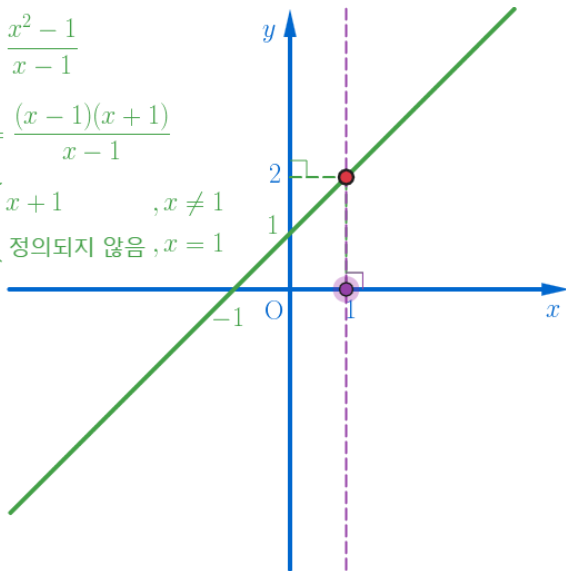
$$\lim_{x \to 1} g(x) = 2$$

$$y = g(x) = \frac{x^2 - 1}{x - 1}$$

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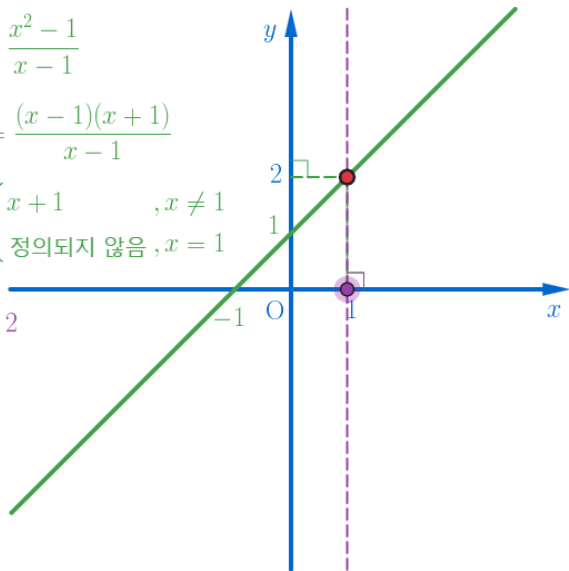$$y = g(x) = \begin{cases} x + 1 & , x \neq 1 \\ \text{정의되지 않음} & , x = 1 \end{cases}$$

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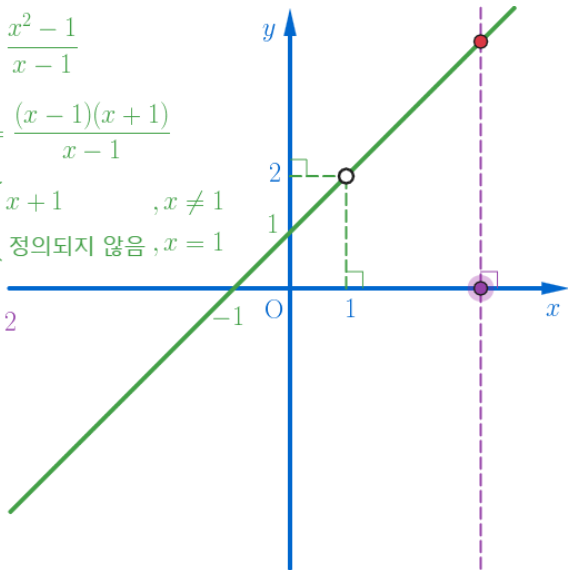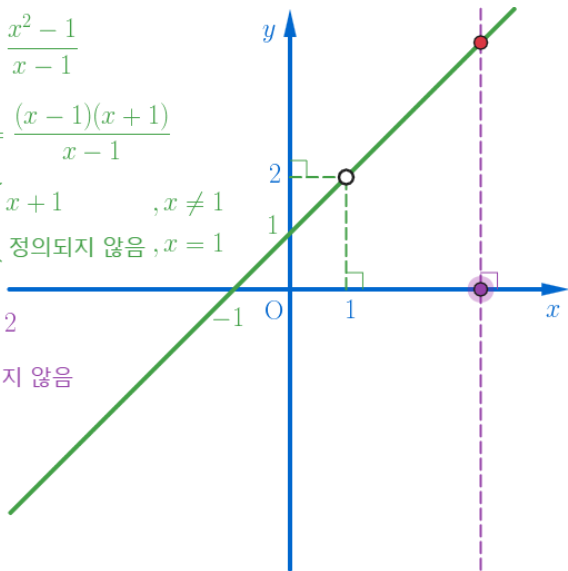
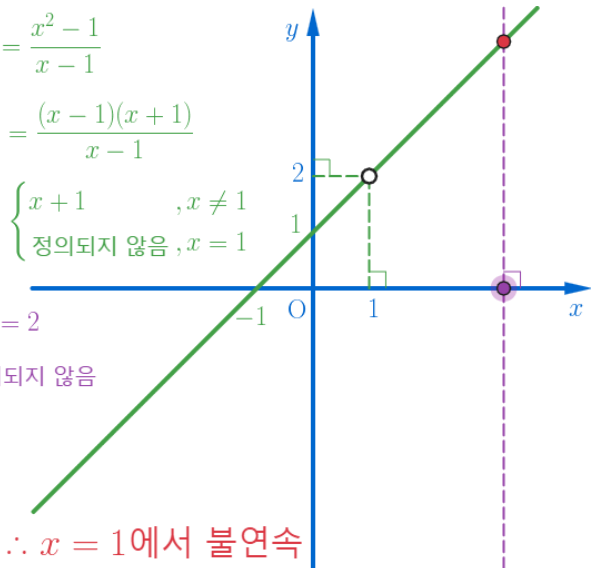$$\lim_{x \to 1} g(x) = 2$$

$g(1)$ 정의되지 않음

$$y = g(x) = \frac{x^2 - 1}{x - 1}$$

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$$y = g(x) = \begin{cases} x + 1 & , x \neq 1 \\ \text{정의되지 않음} & , x = 1 \end{cases}$$

$$\lim_{x \to 1} g(x) = 2$$

$g(1)$ 정의되지 않음

$$\therefore x = 1 \text{에서 불연속}$$

AlgeoMath: http://me2.do/FLJjnfkU
YouTube: https://youtu.be/iWwIWhSEddM

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