$$k(x) = \begin{cases} x^2 & , x \neq 1 \\ 0 & , x = 1 \end{cases}$$ 의 $x = 1$에서의 불연속

(Discontinuity for k(x) at $x = 1$)

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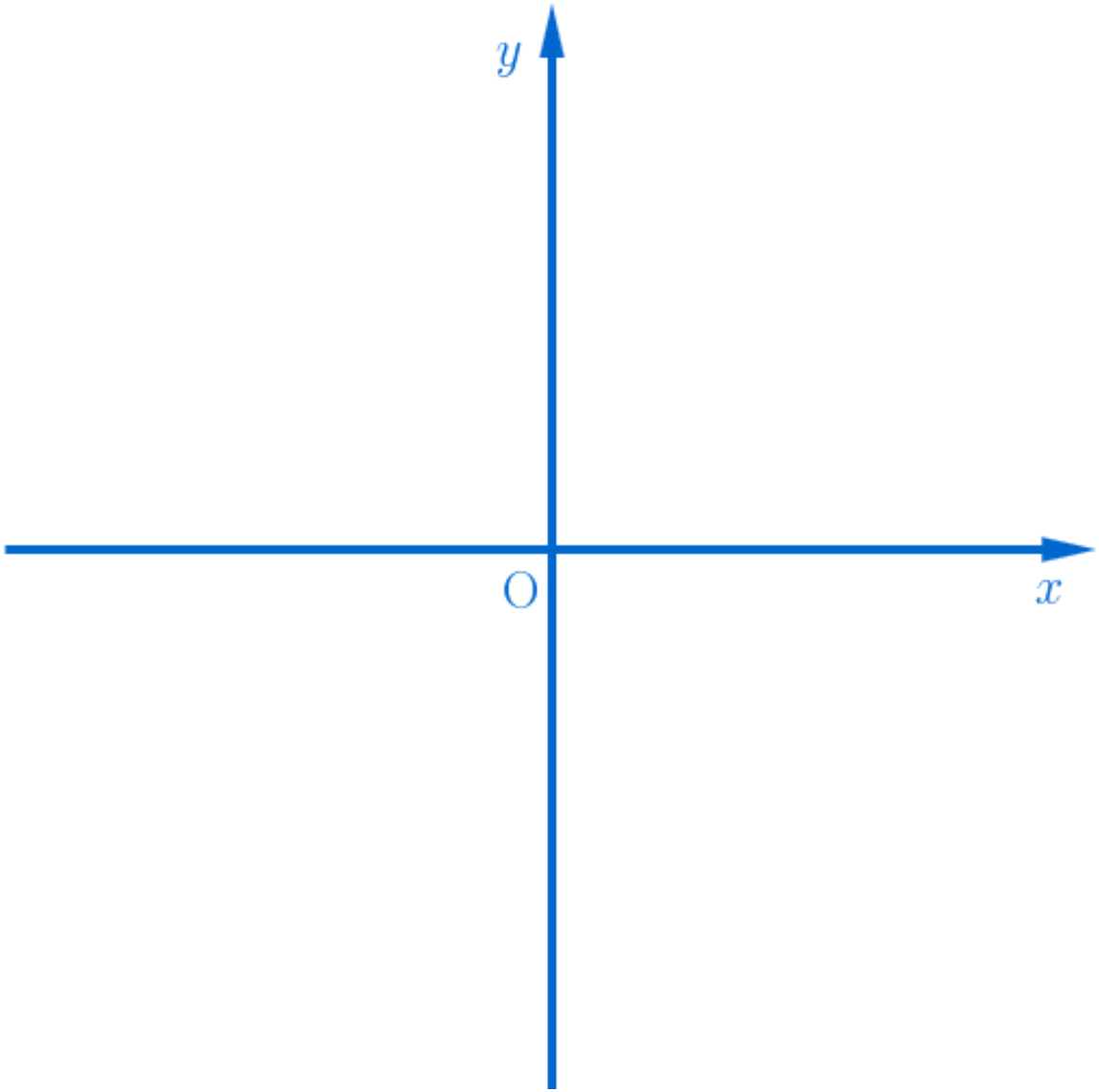

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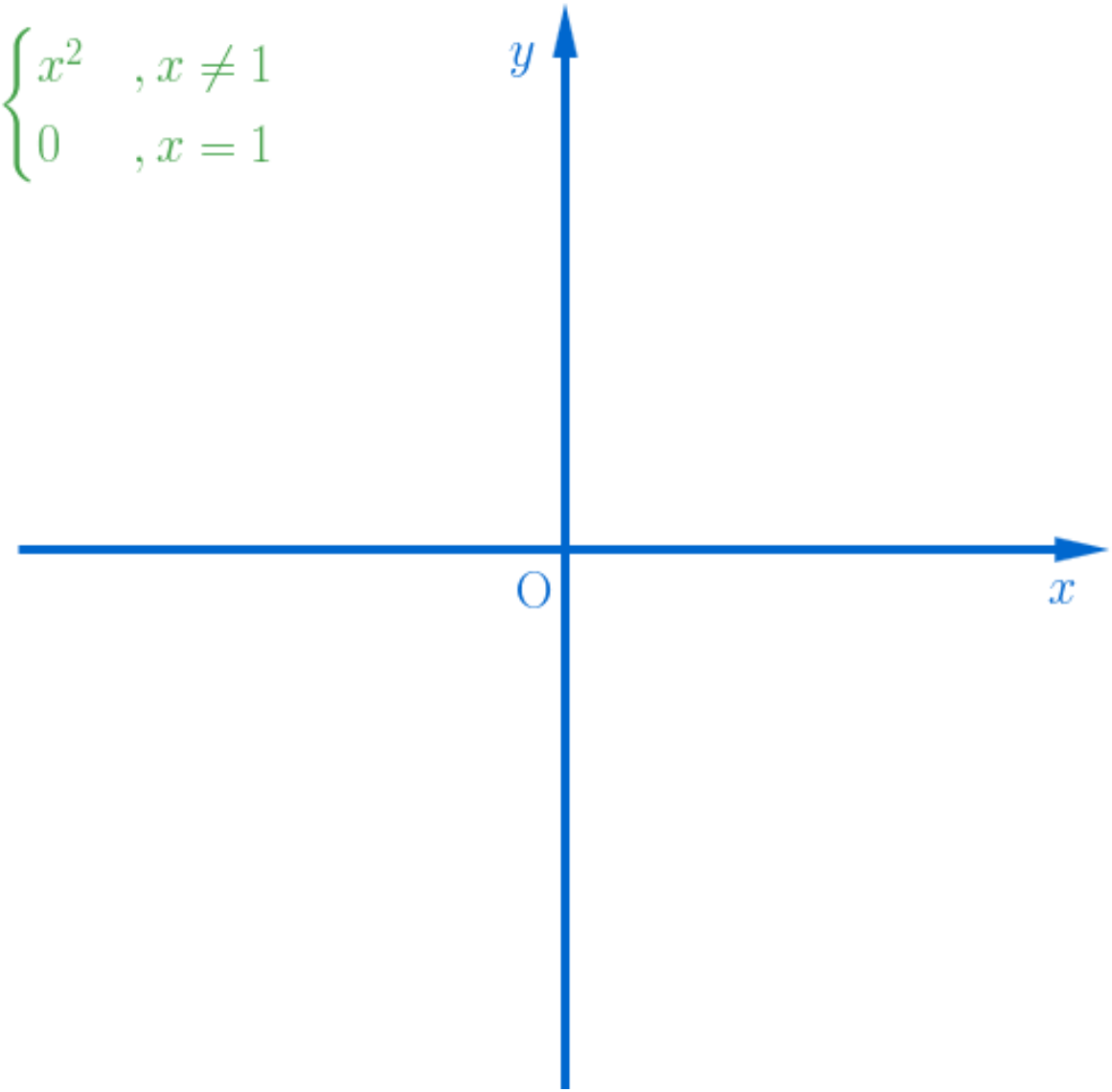

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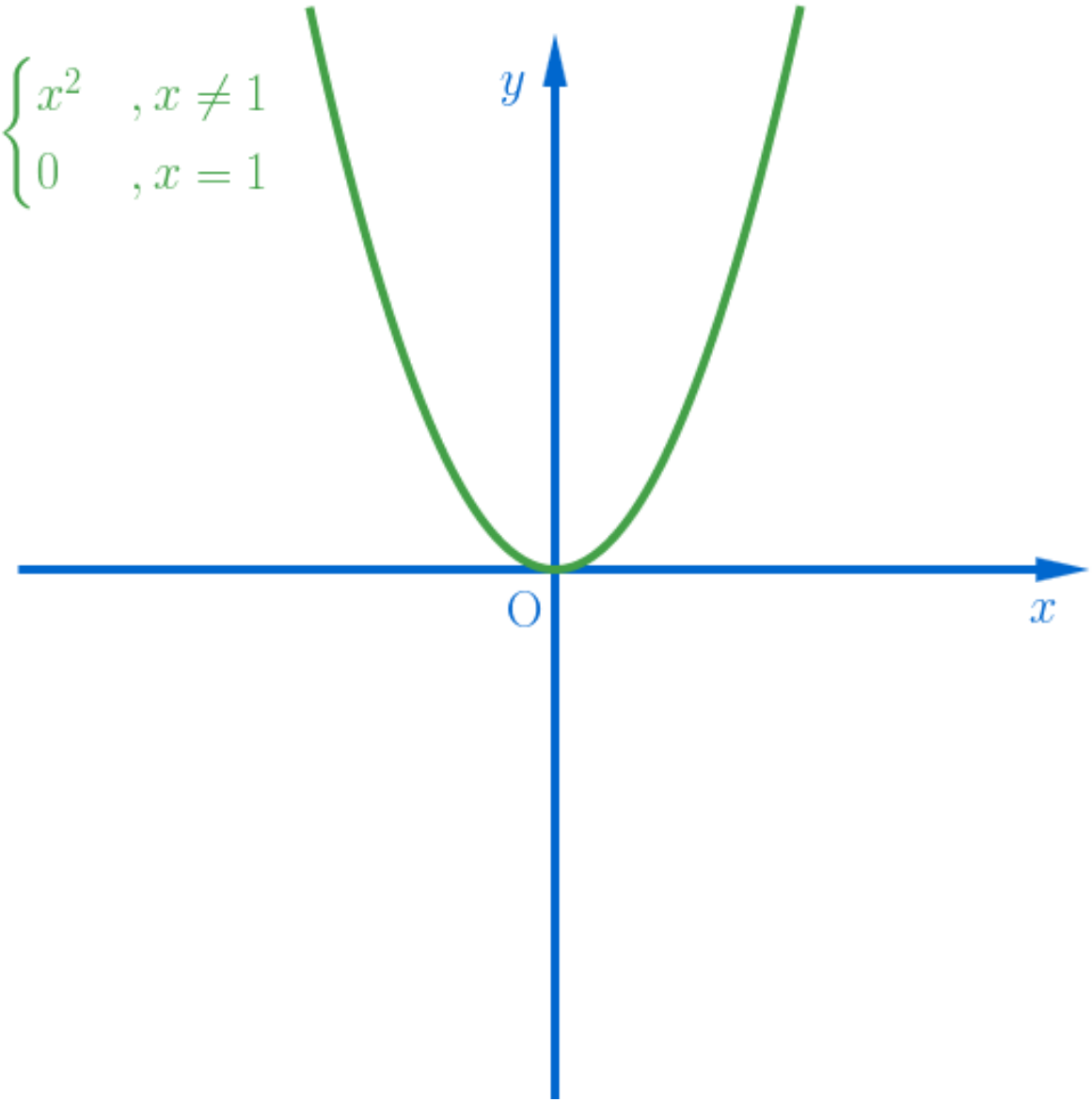

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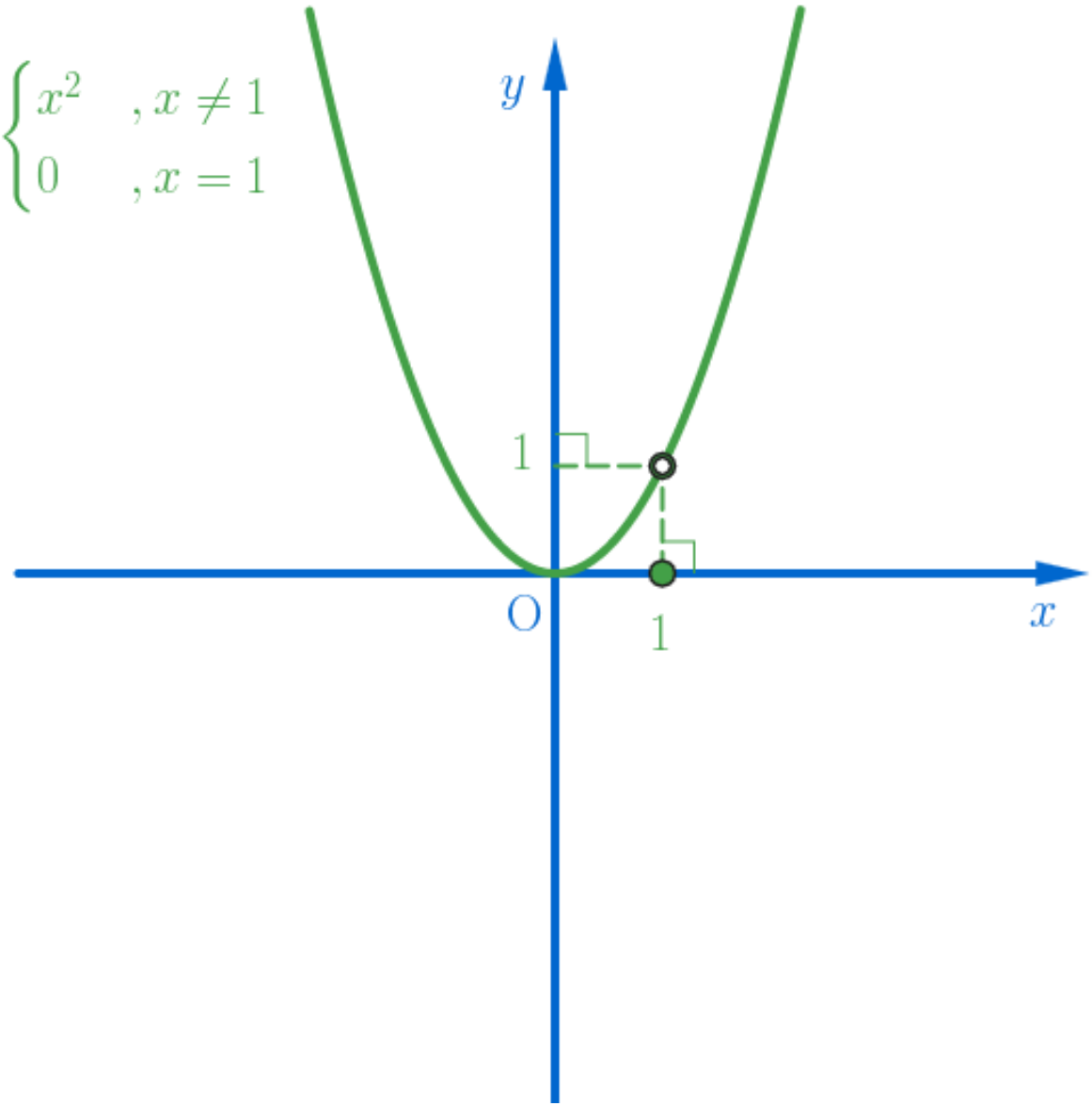

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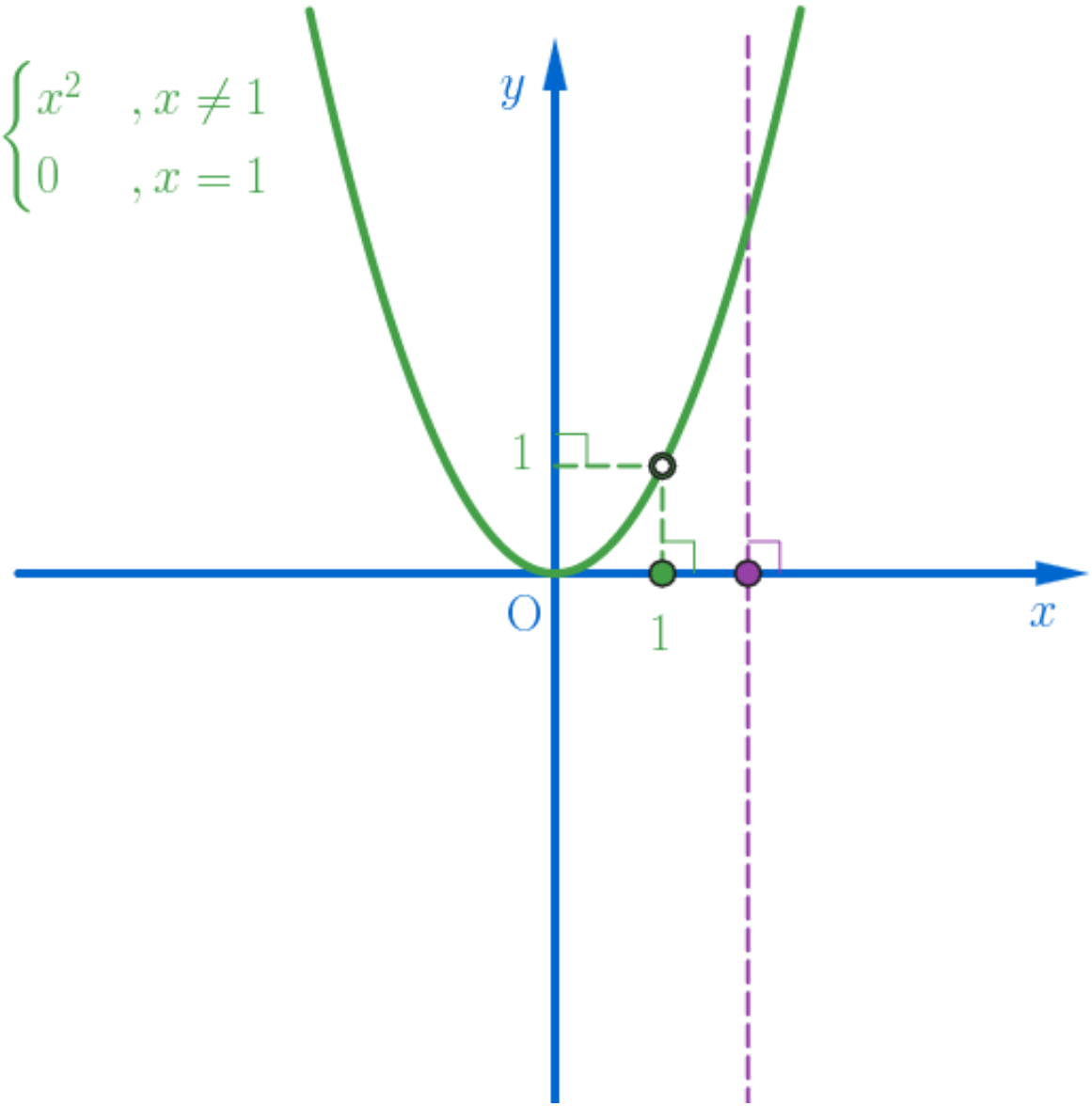

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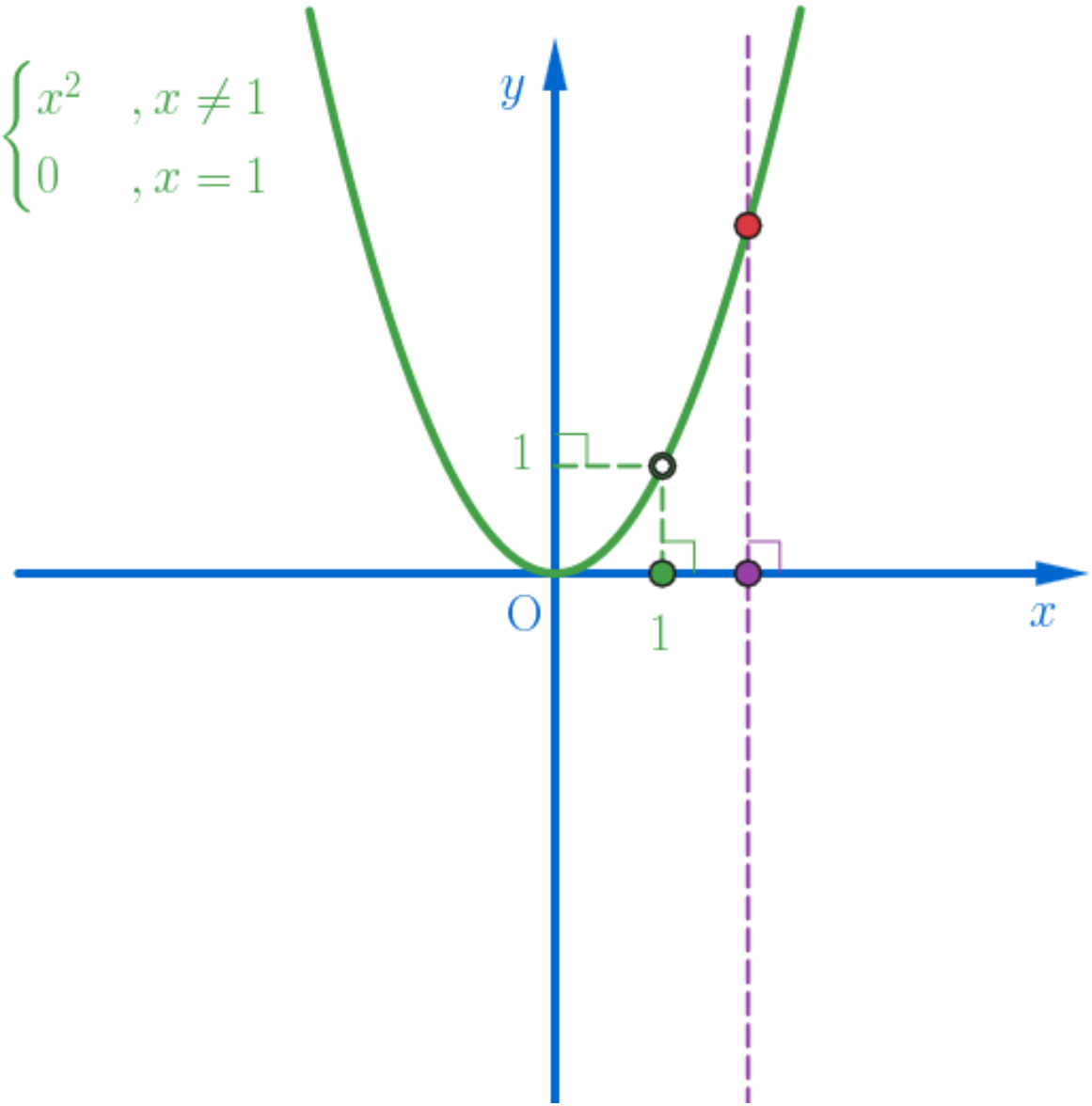

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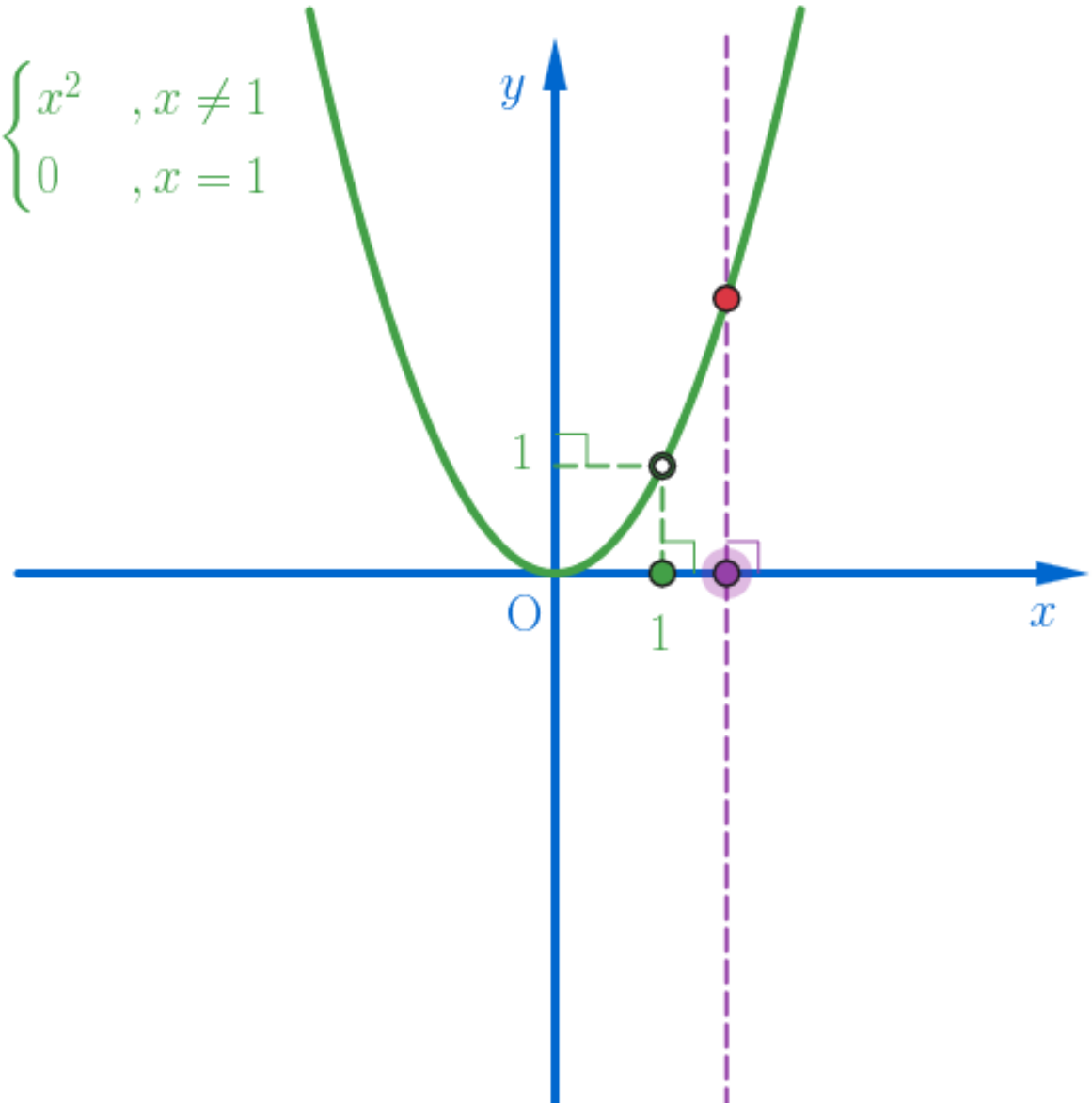

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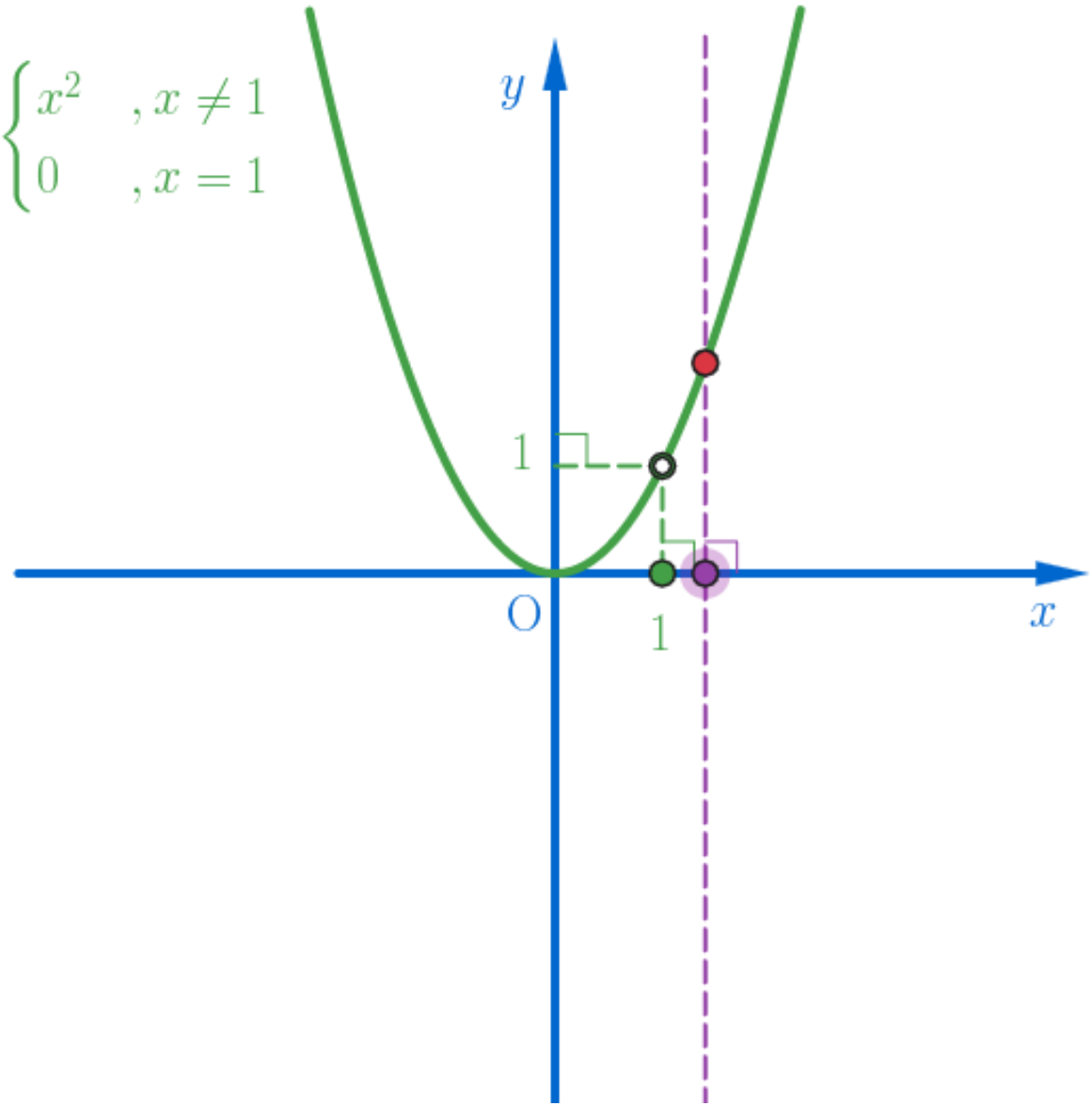

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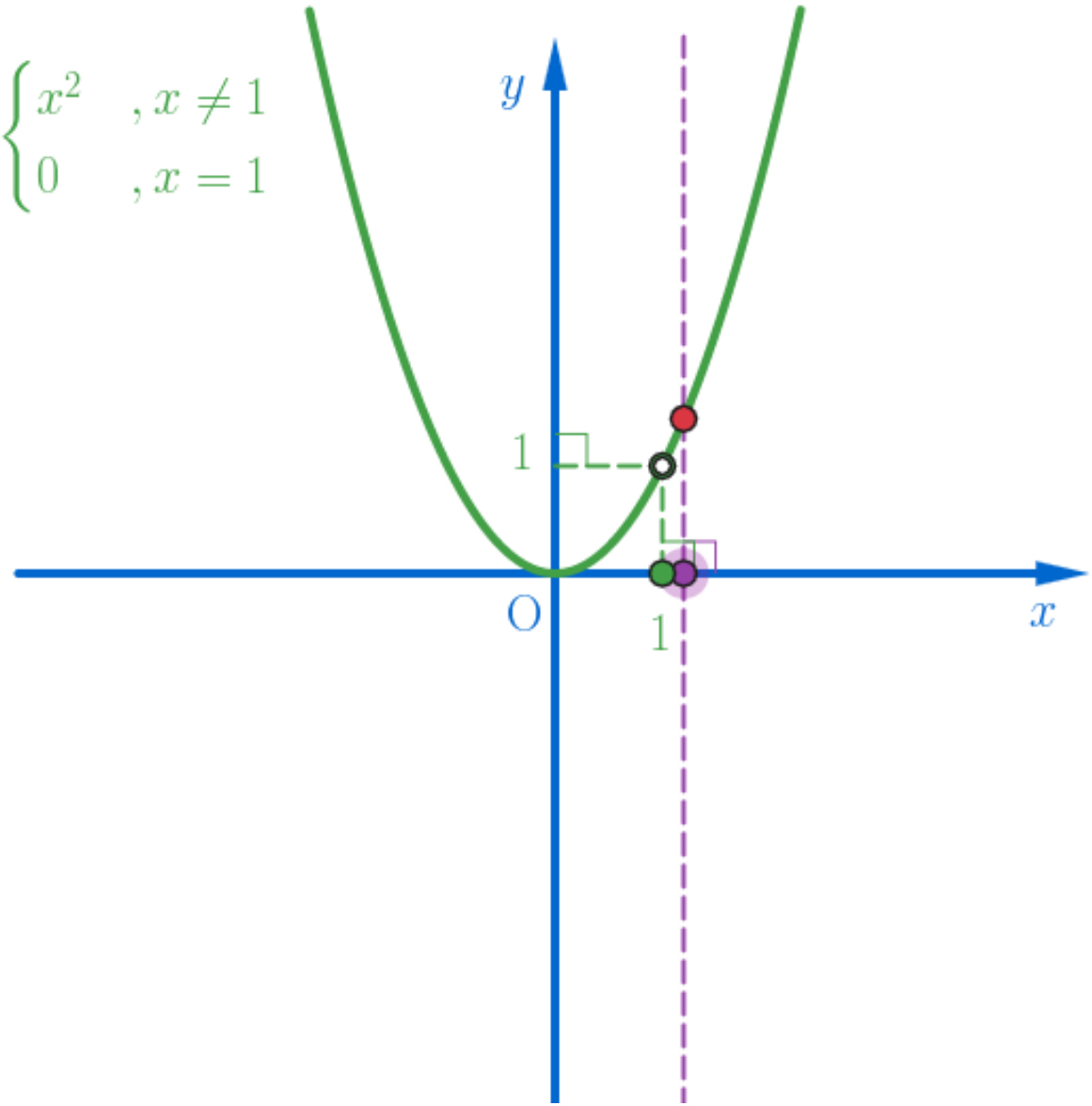

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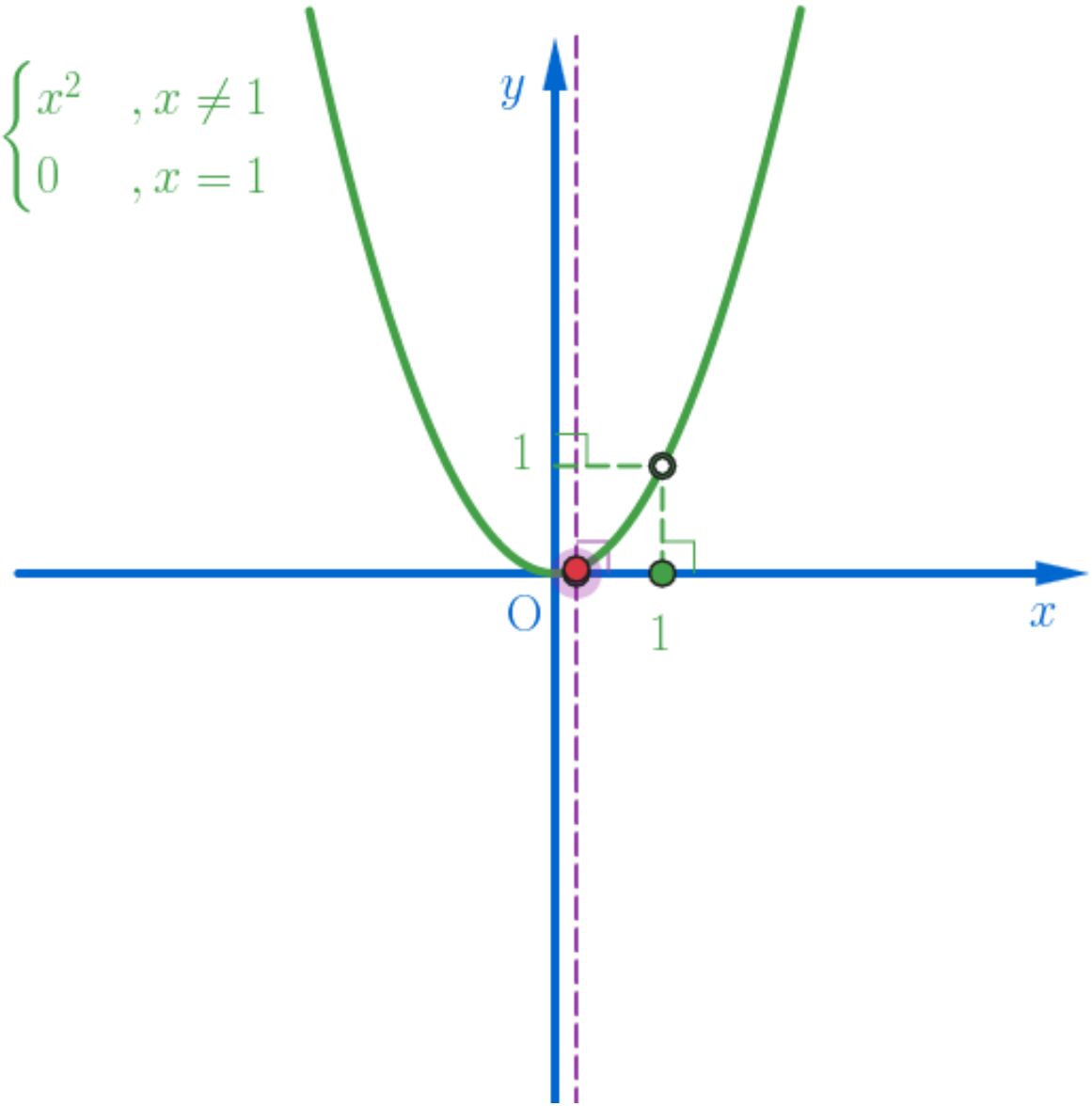

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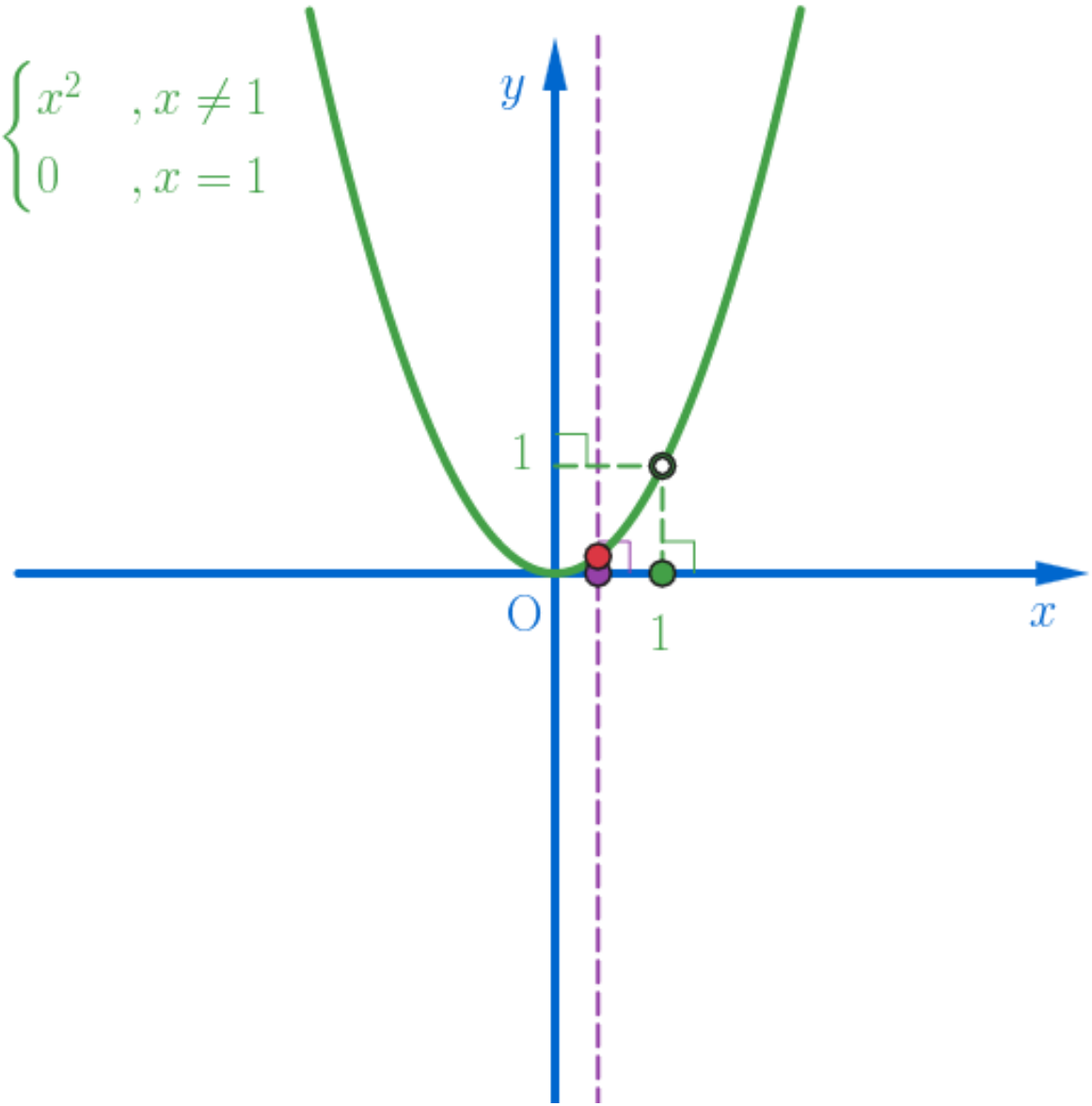

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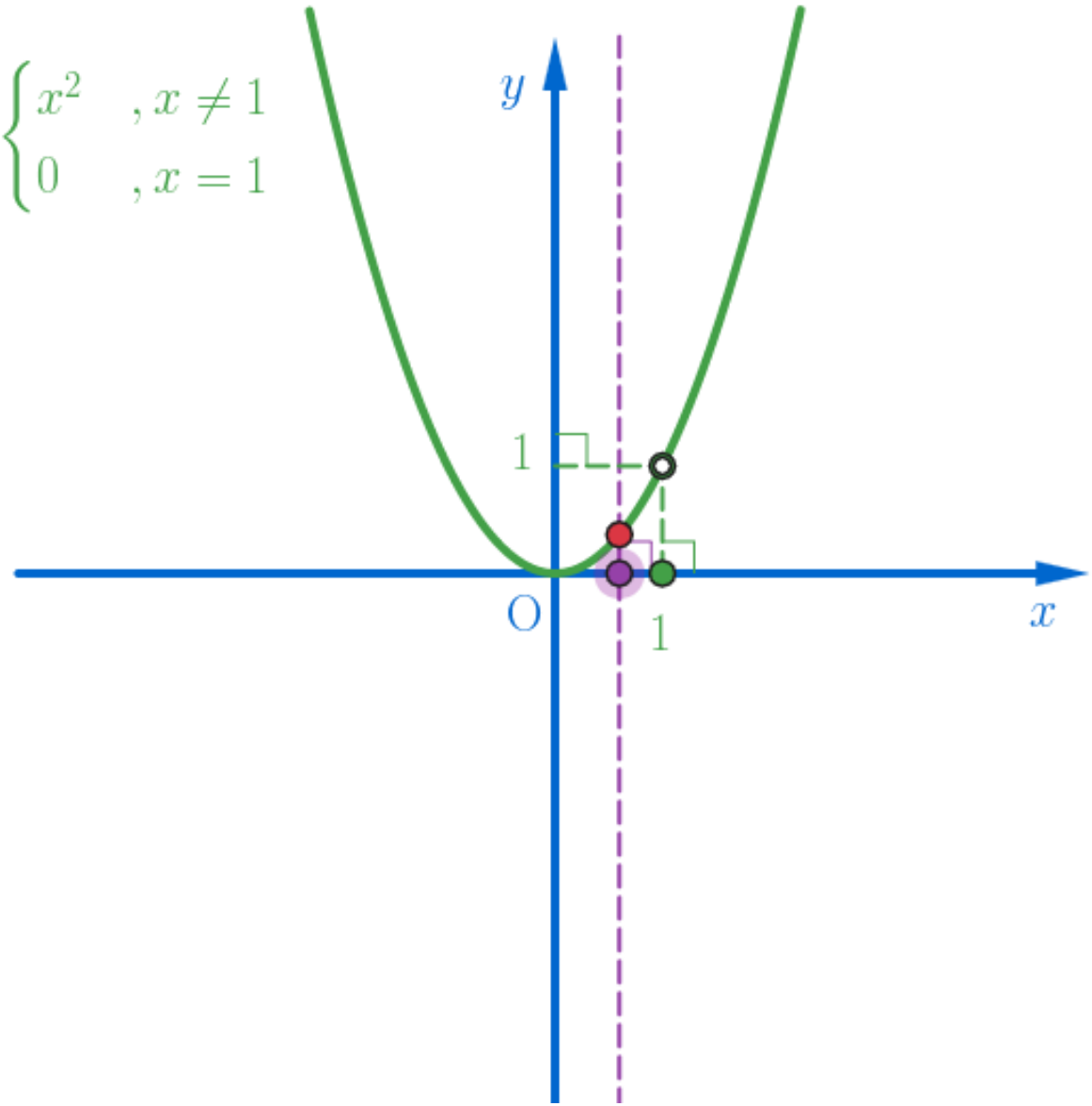

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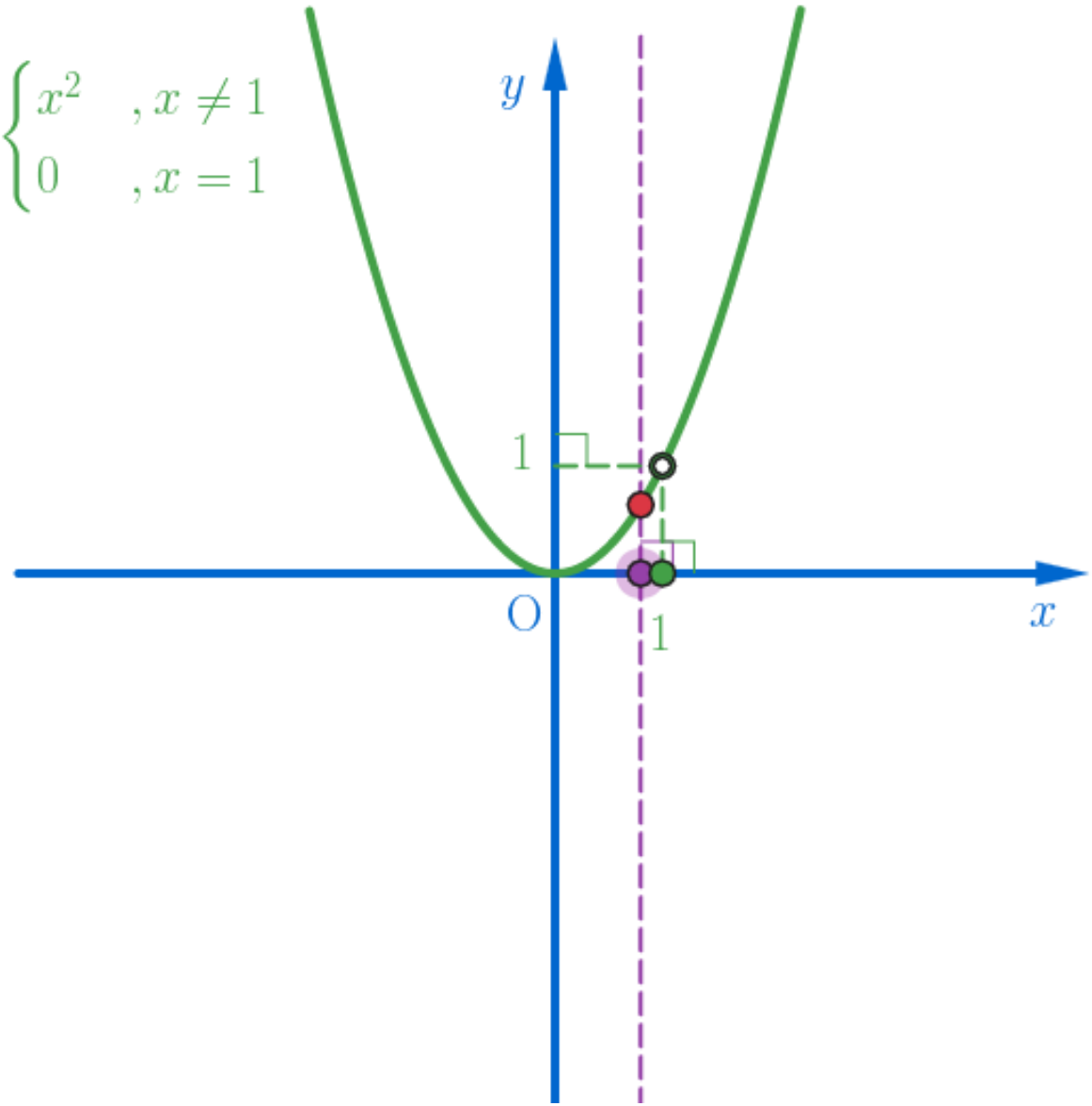

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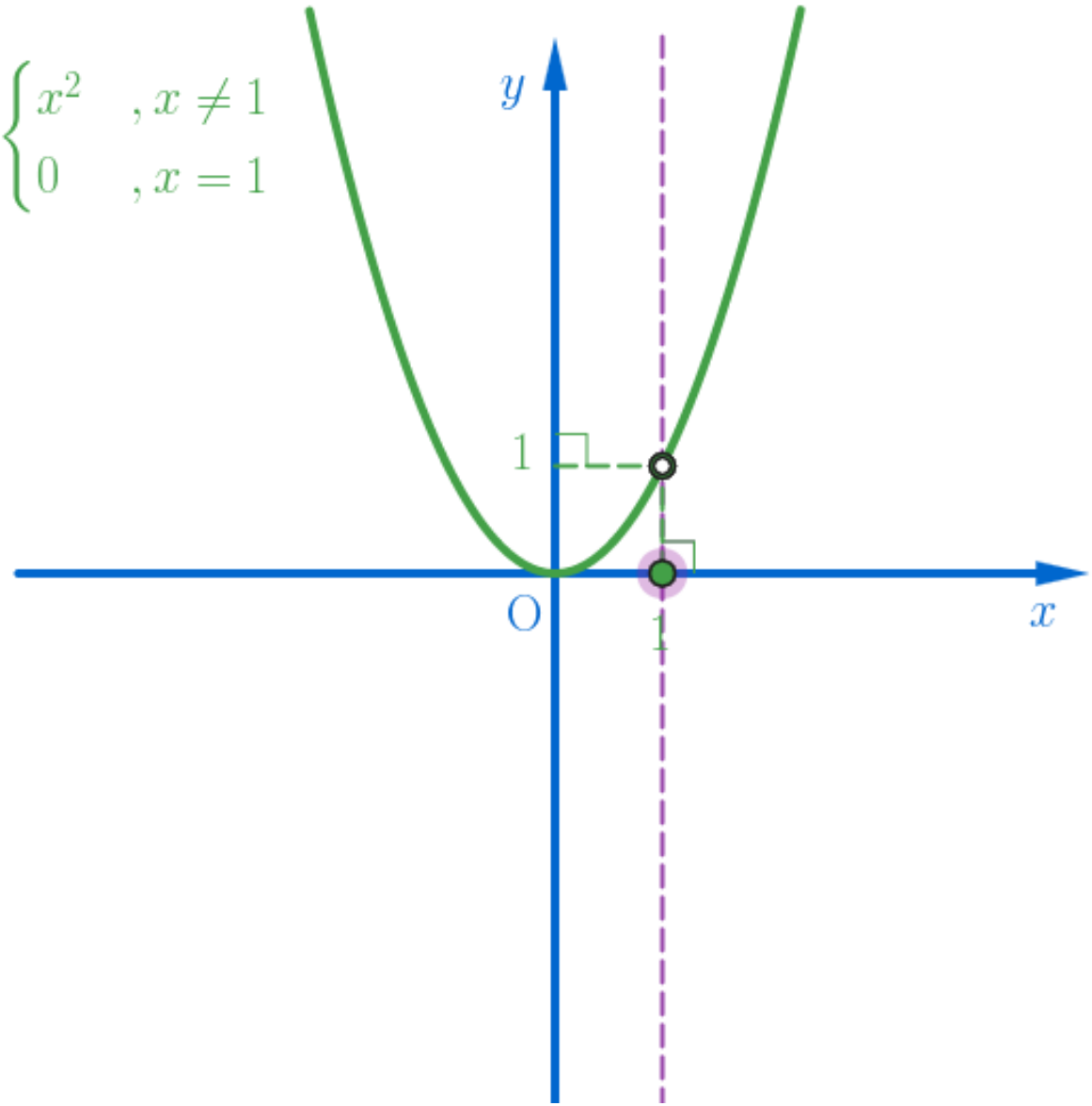

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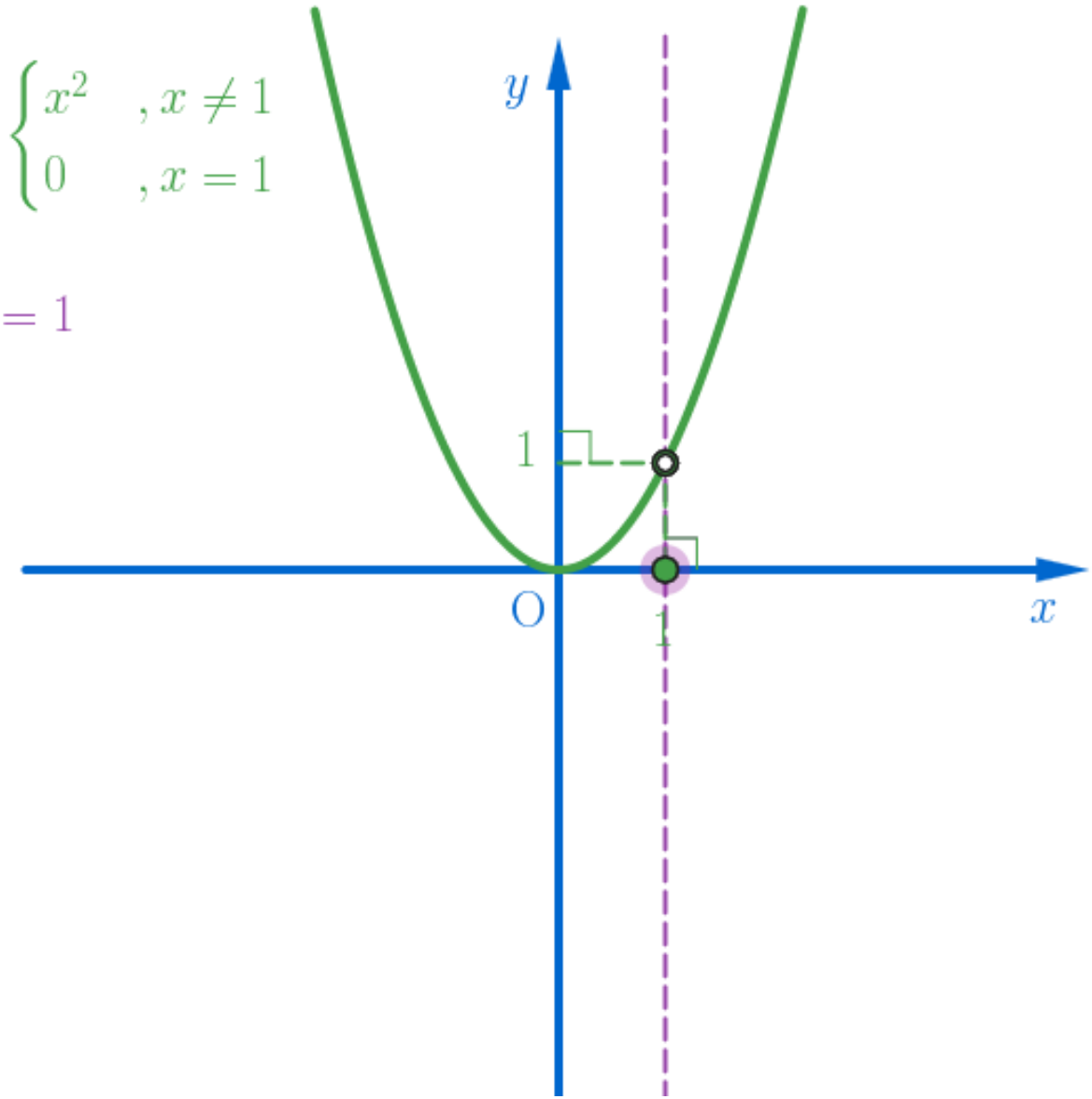
$$\lim_{x \to 1} k(x) = 1$$



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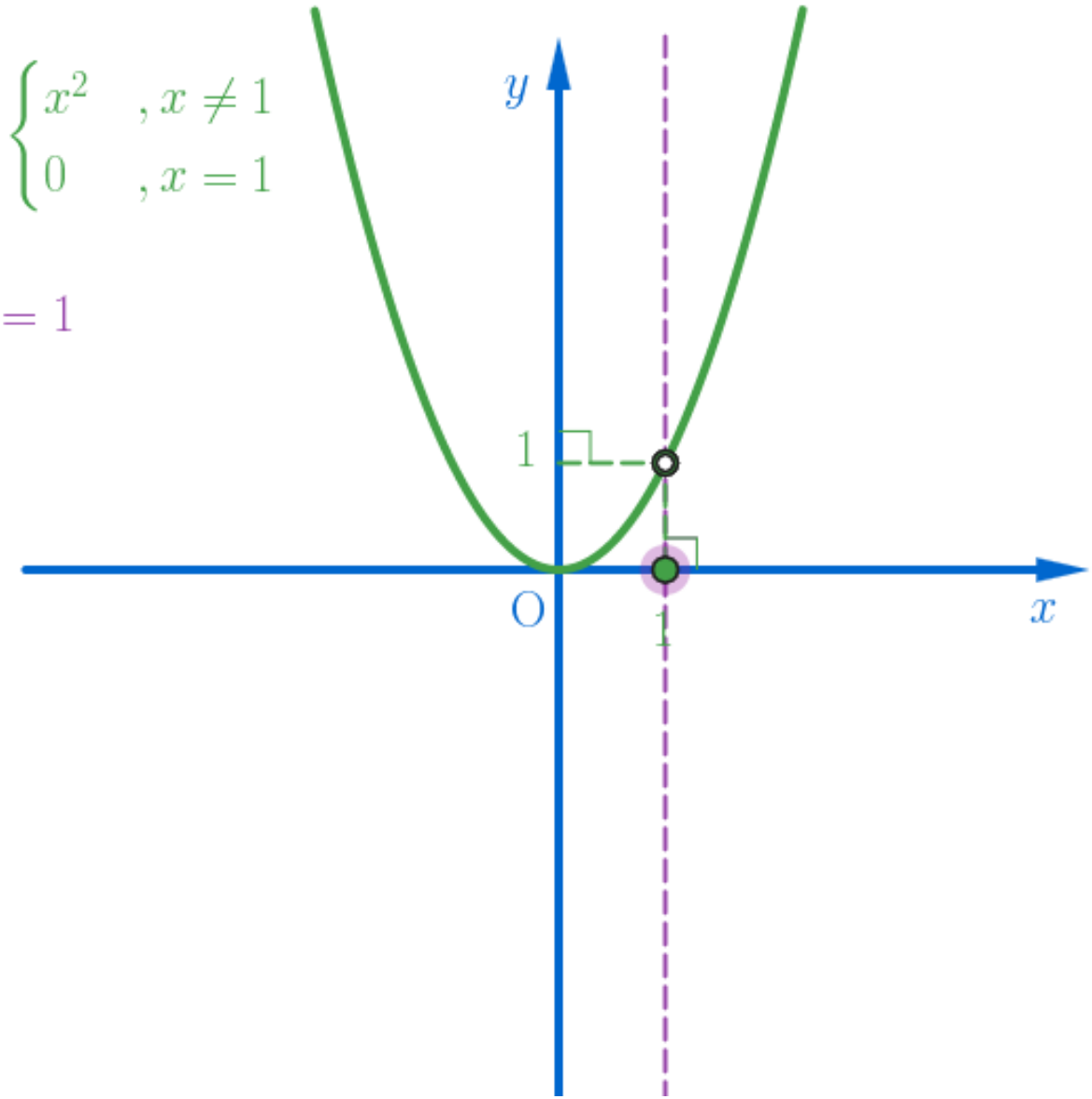

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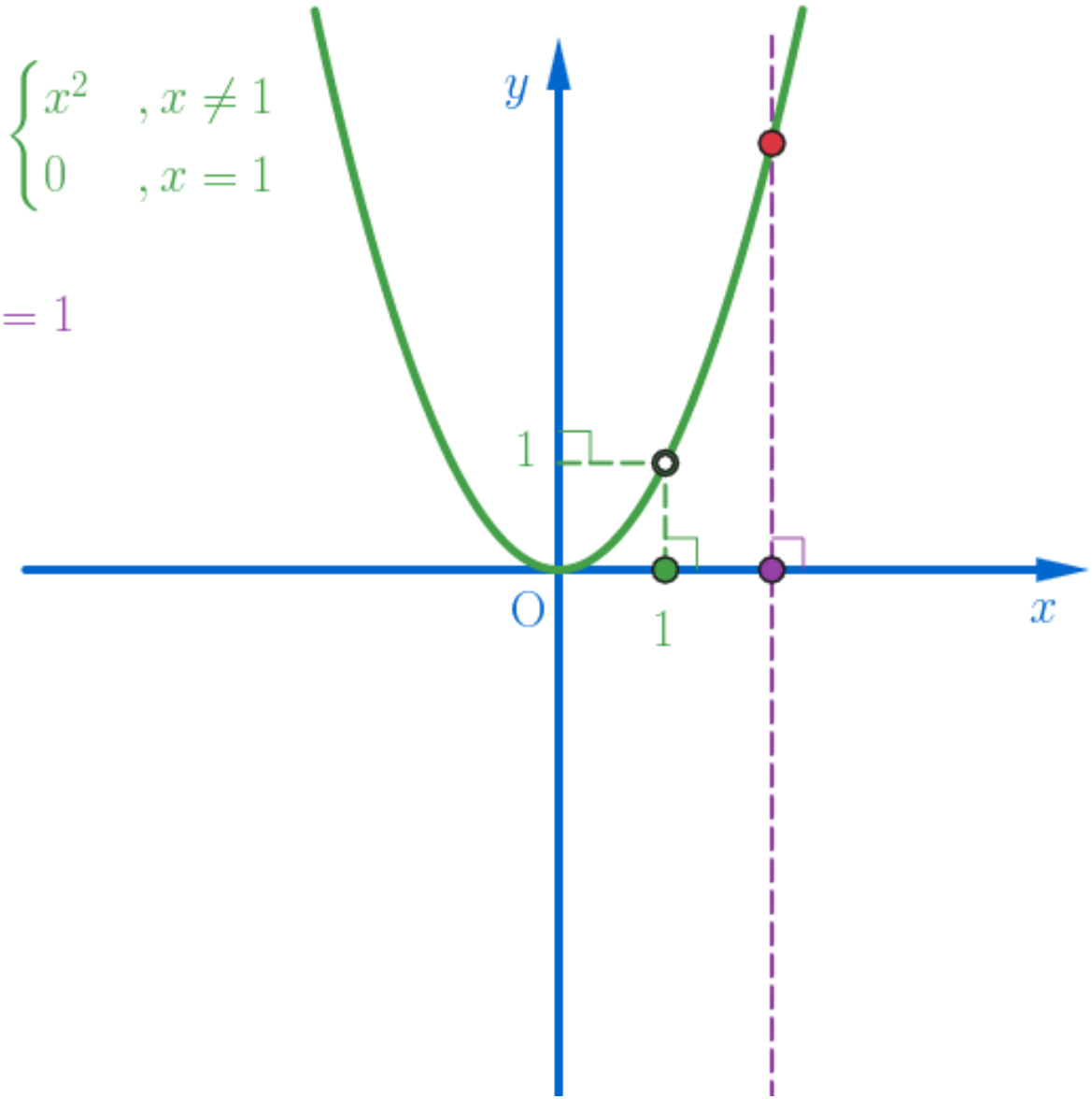

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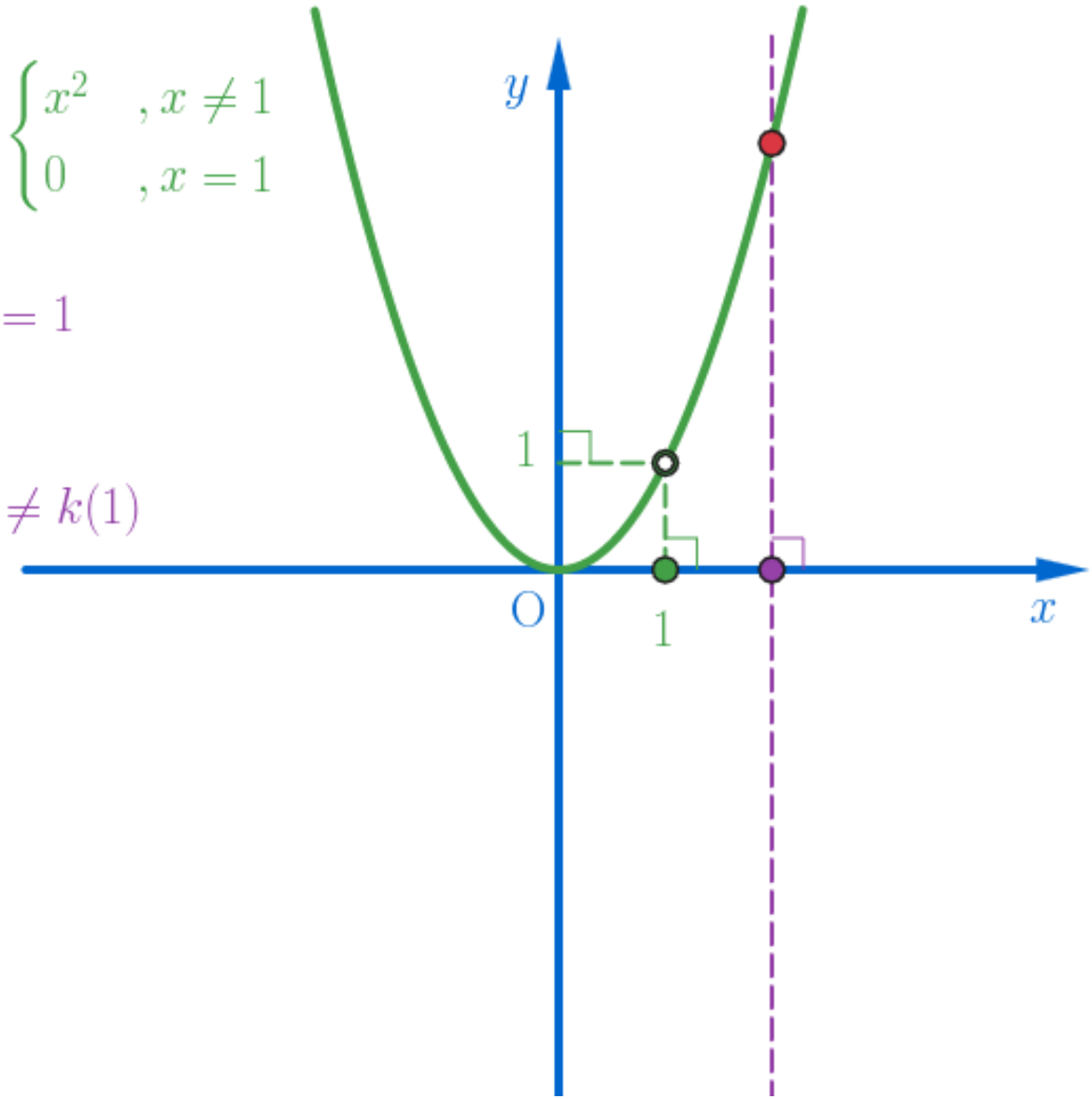

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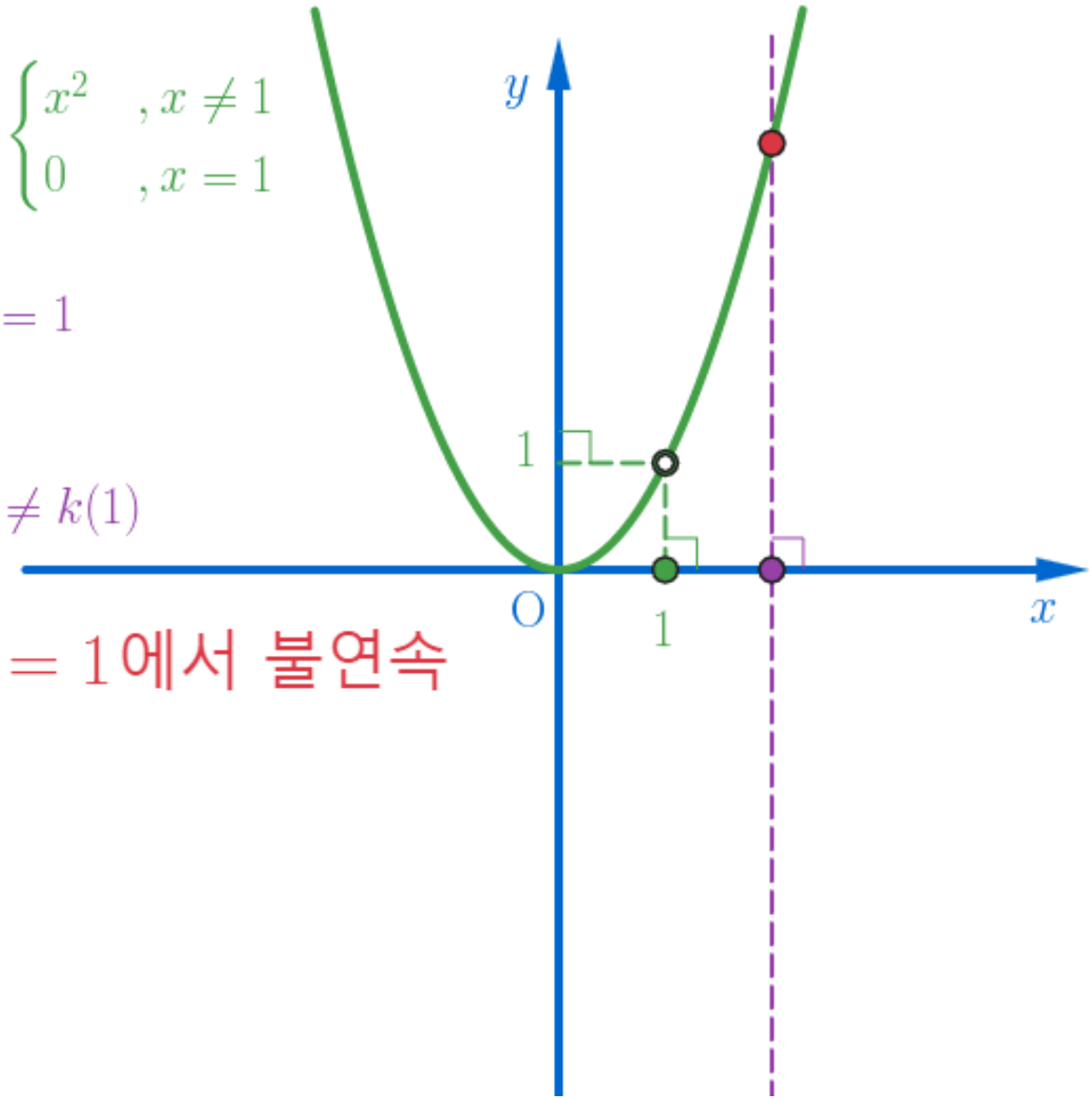
$$\lim_{x \to 1} k(x) = 1$$

$$k(1) = 0$$

$$\lim_{x \to 1} k(x) \neq k(1)$$

$\therefore$ $x = 1$에서 불연속



AlgeoMath: http://me2.do/GtM6k0r8
YouTube: https://youtu.be/QnsU_QWuks4

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