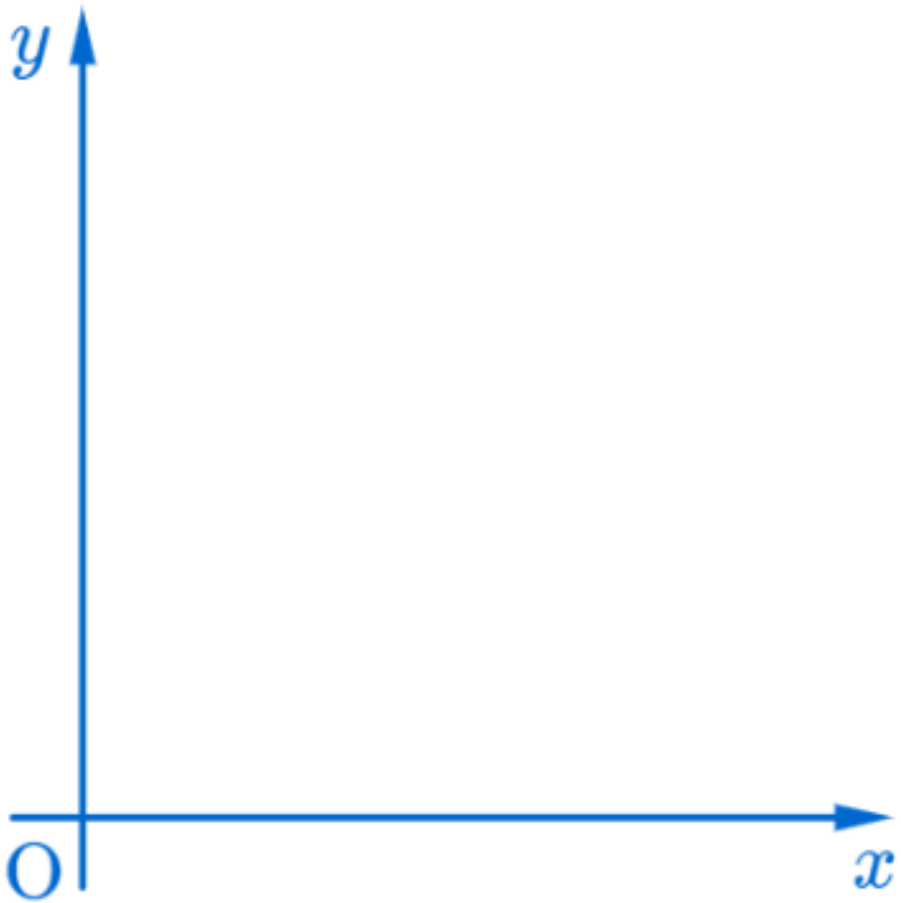
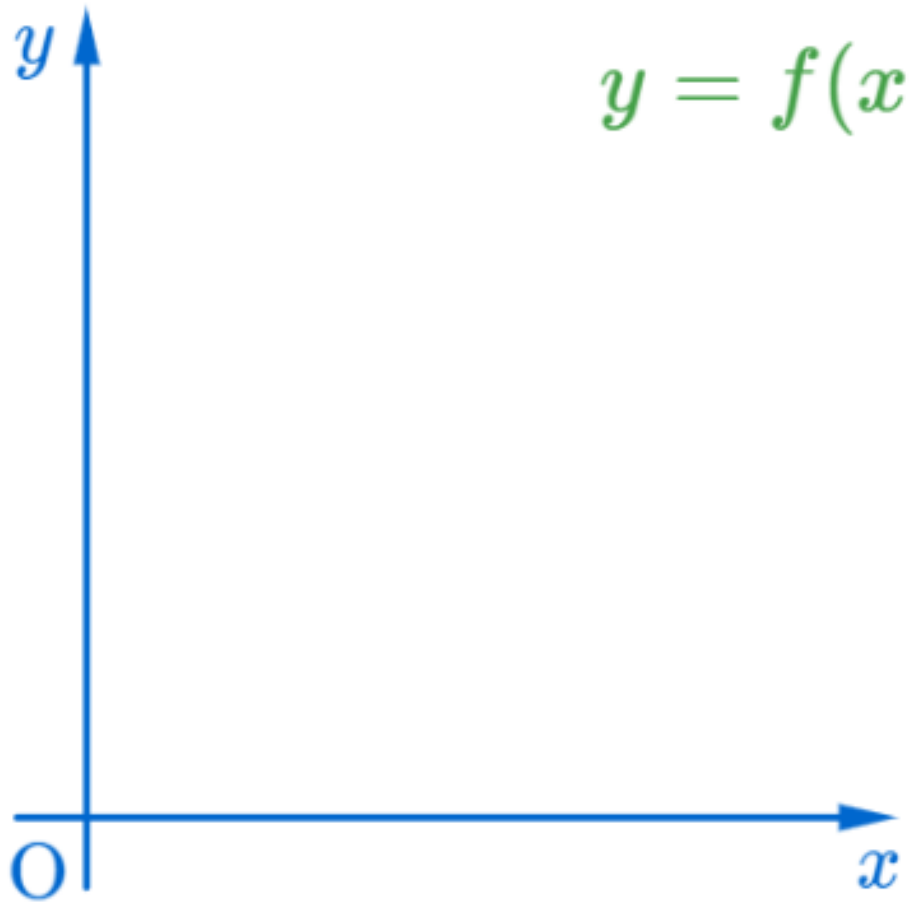
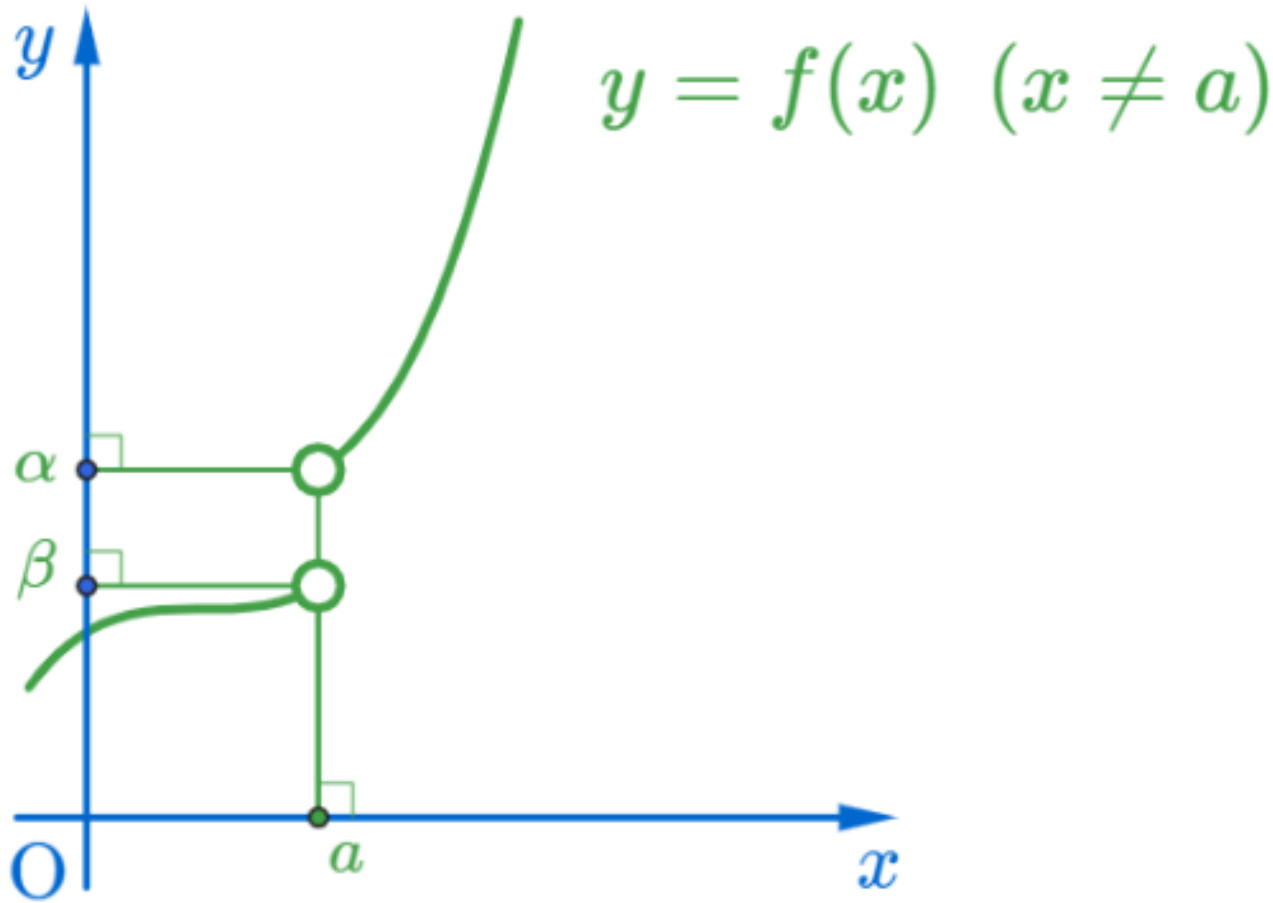
$$\lim_{x\to 0+} f(x),\ \lim_{x\to 0-} f(x) \text{ of } y = f(x)\ \ (x \neq a)$$

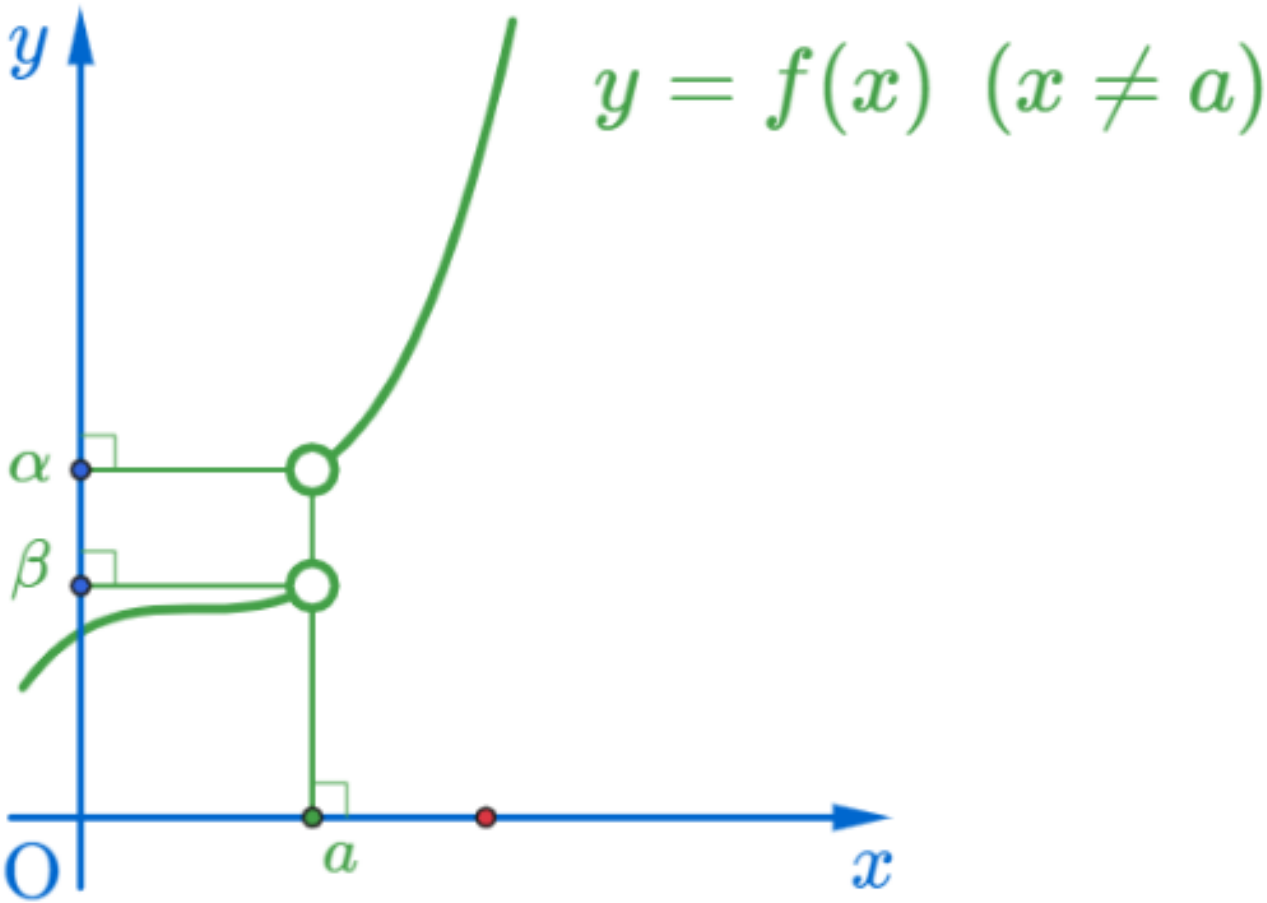
$\lim_{x \to 0+} f(x)$, $\lim_{x \to 0-} f(x)$ of $y = f(x)$ $(x \neq a)$





$$y = f(x) \ \ (x \neq a)$$


y
α
β
O
a
x
y = f(x) (x ≠ a)


y
α
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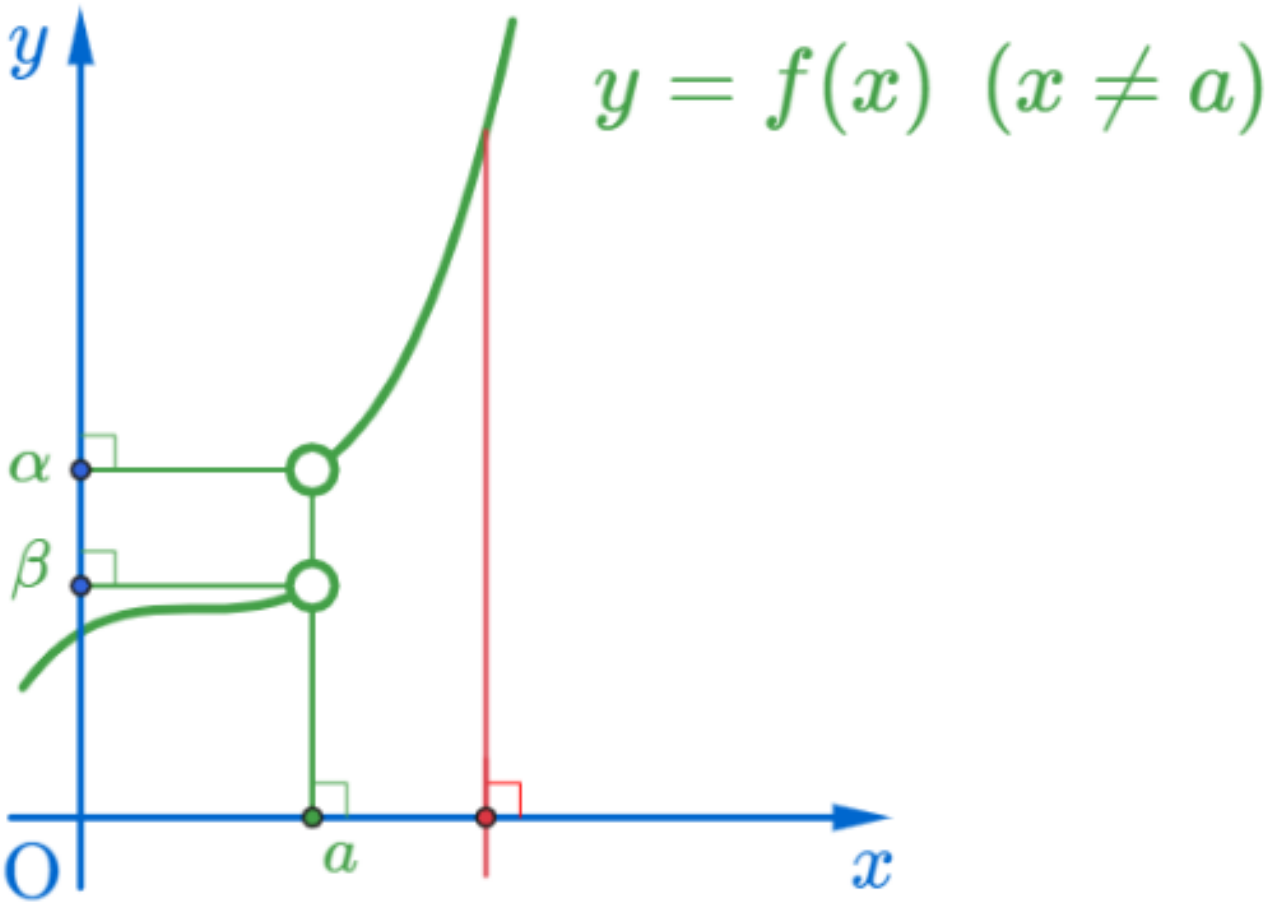
y = f(x) (x ≠ a)


y
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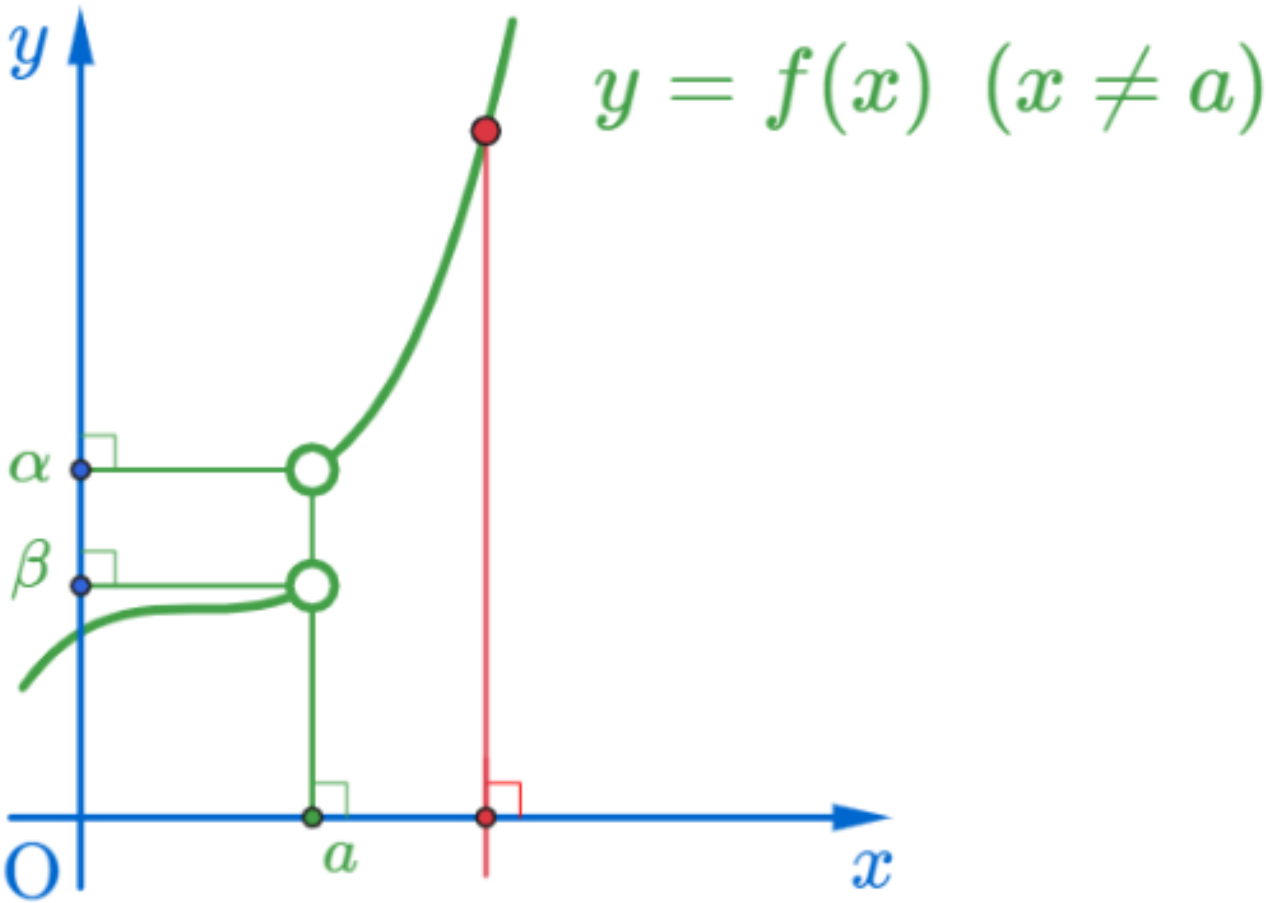
y
α
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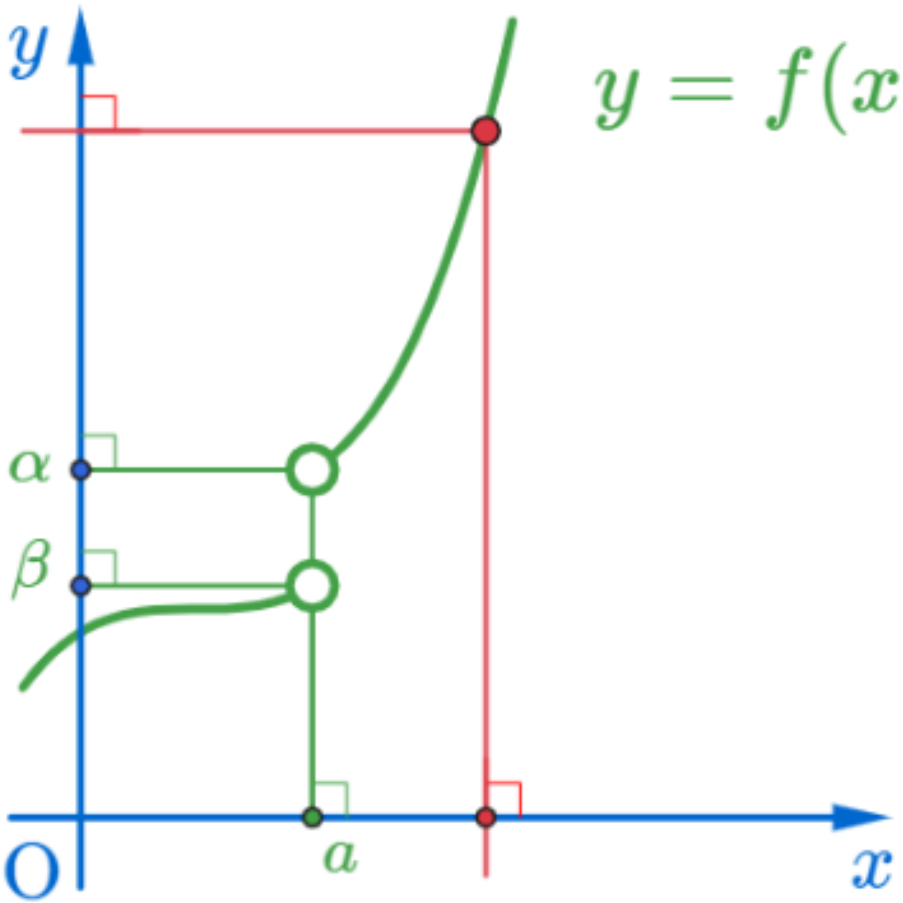
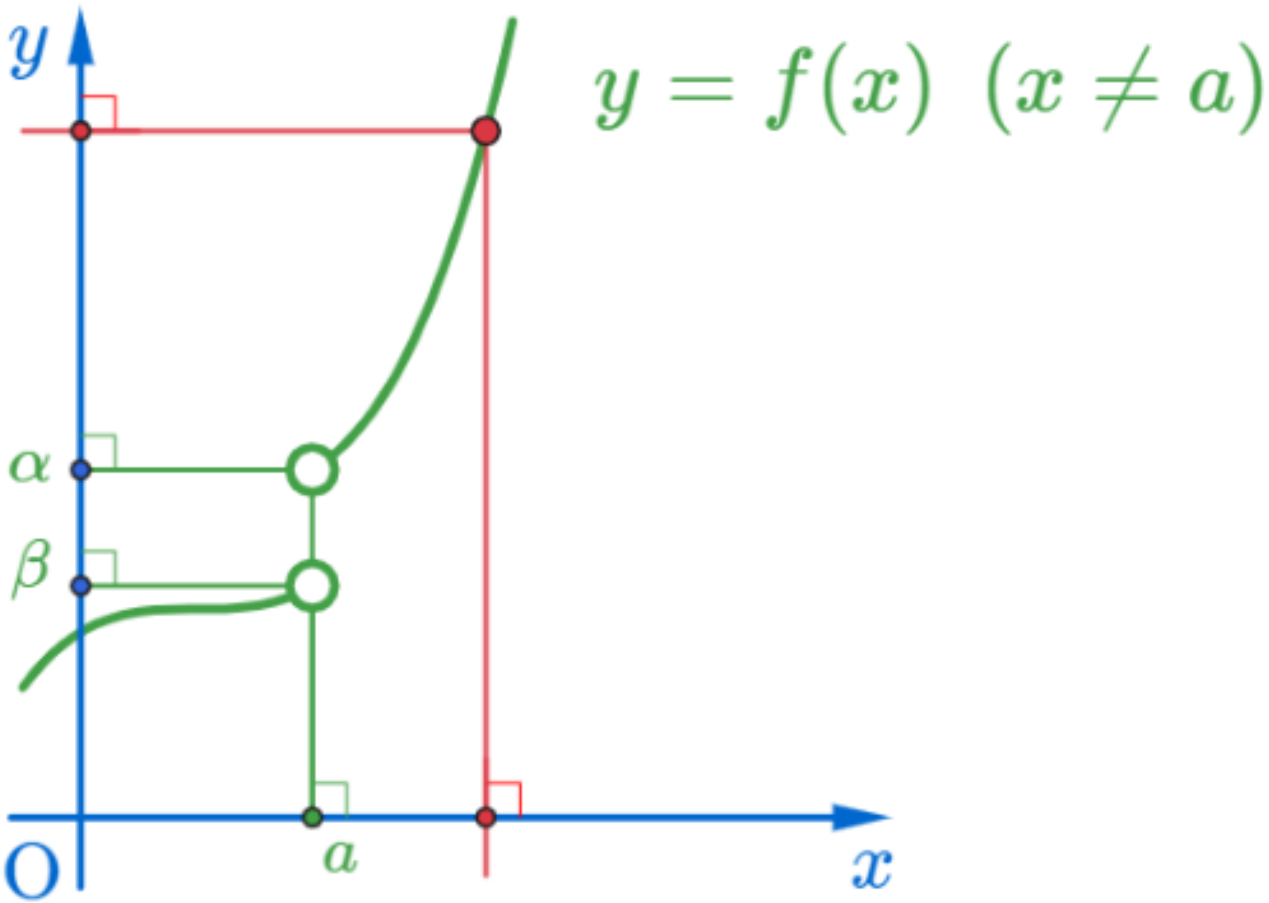
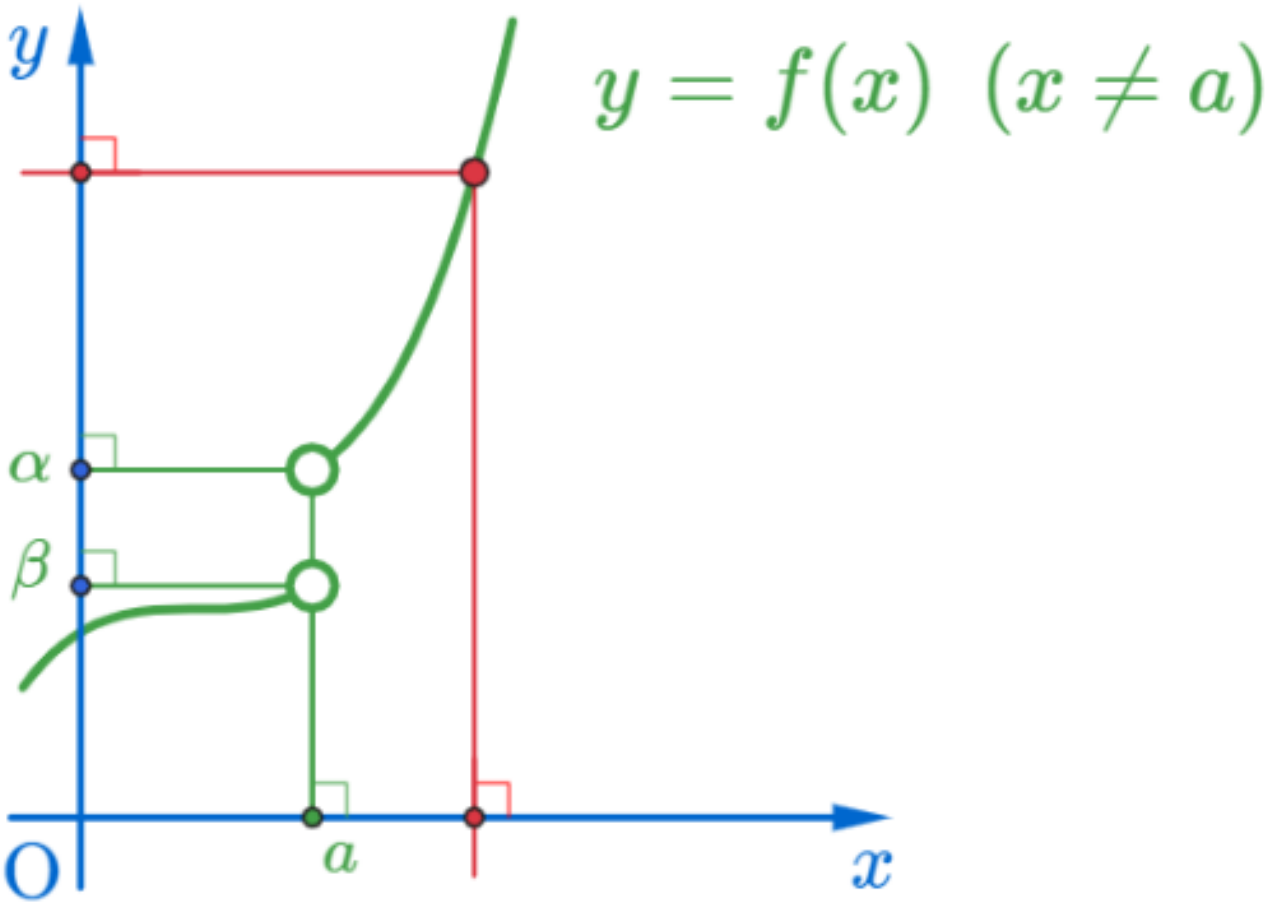
y = f(x) (x ≠ a)



$y = f(x)$ $(x \neq a)$


y
α
β
O
a
x
y = f(x) (x ≠ a)


y
α
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a
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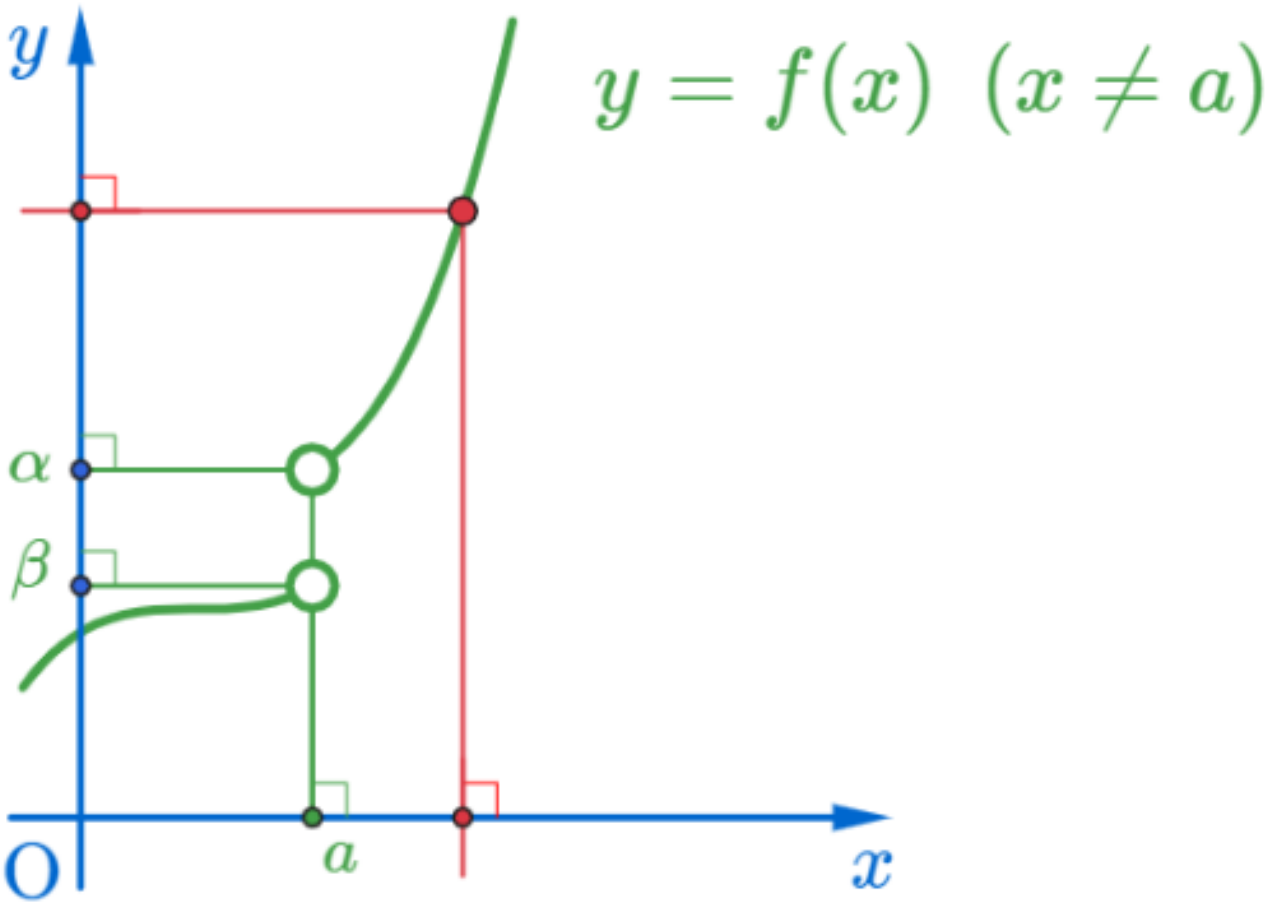
y
α
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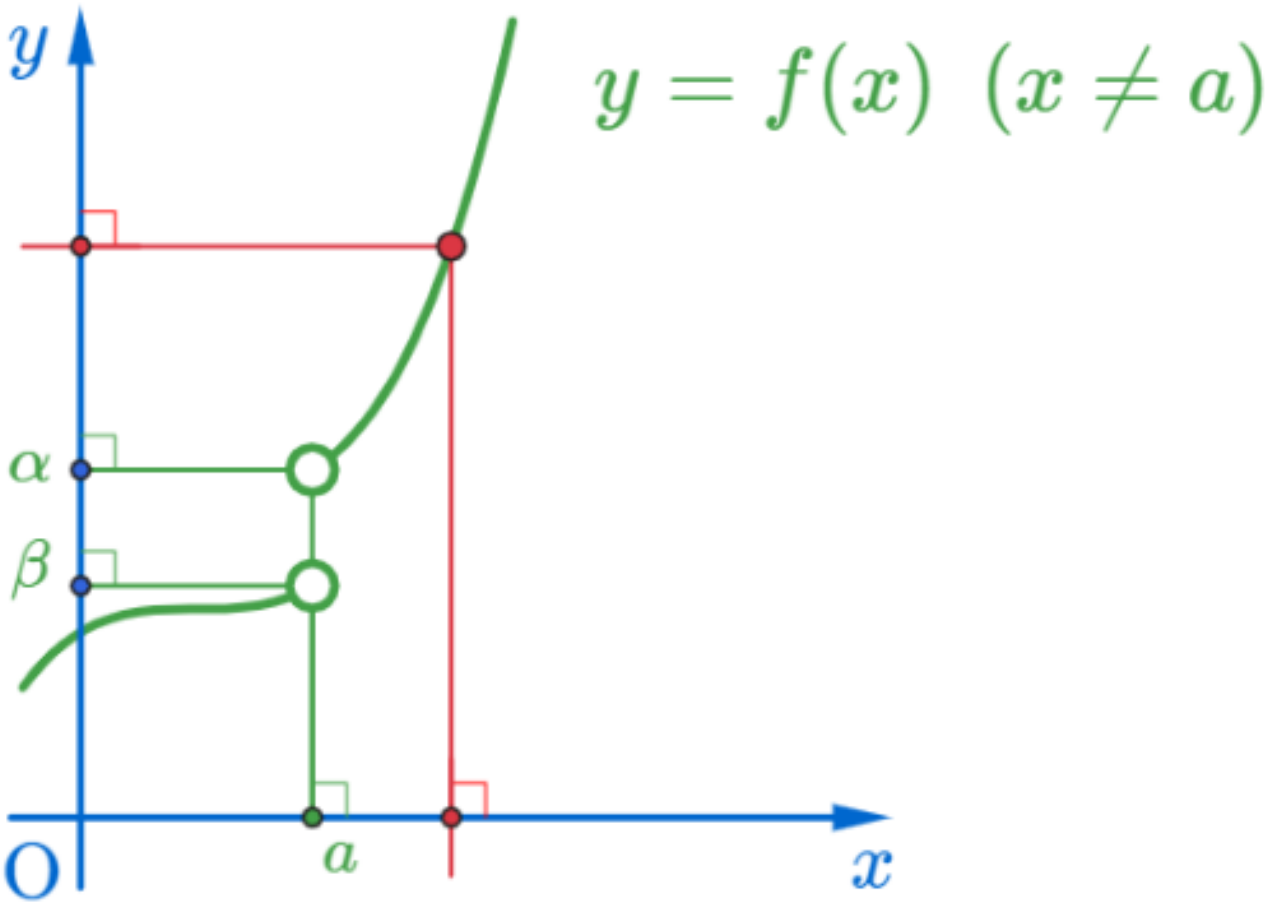
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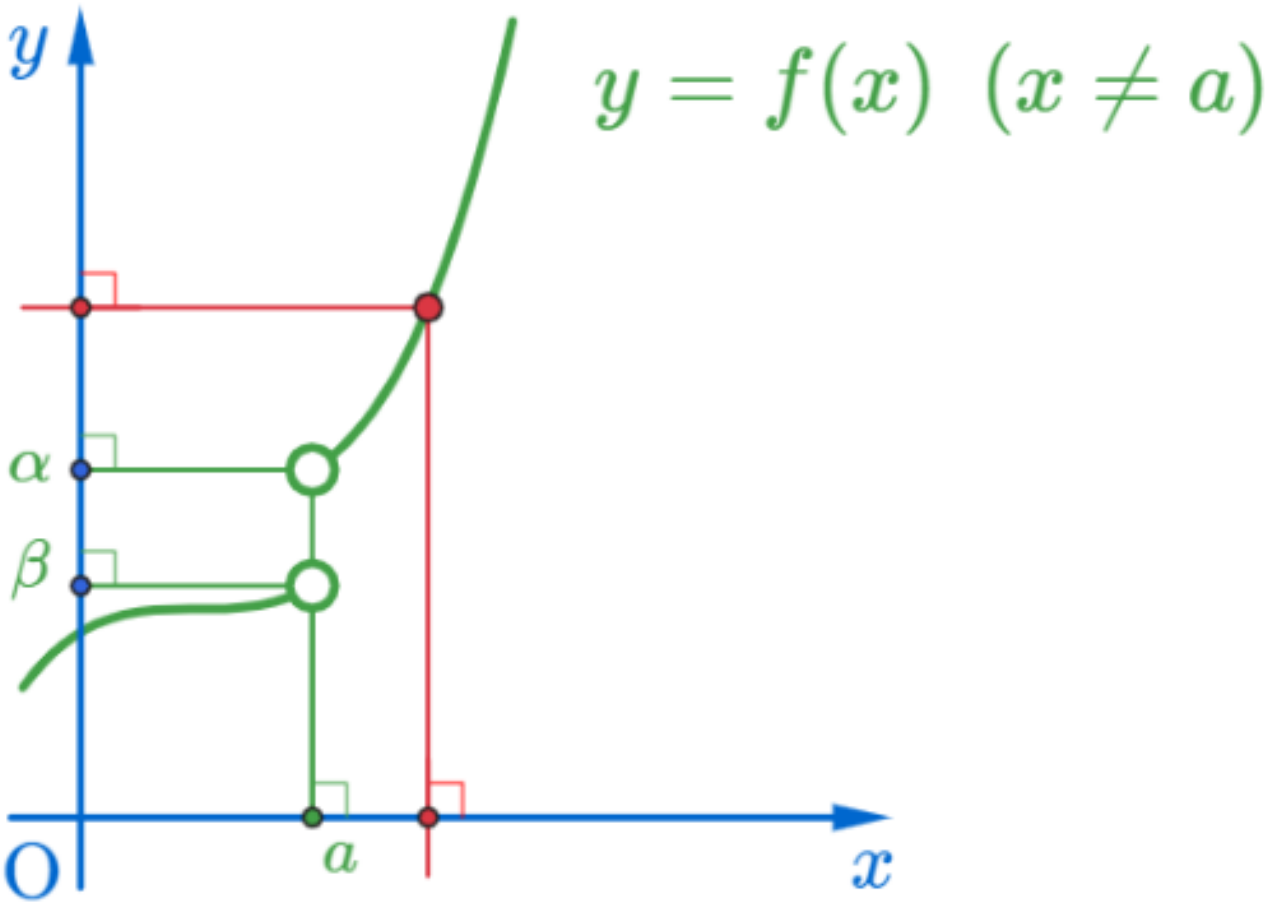
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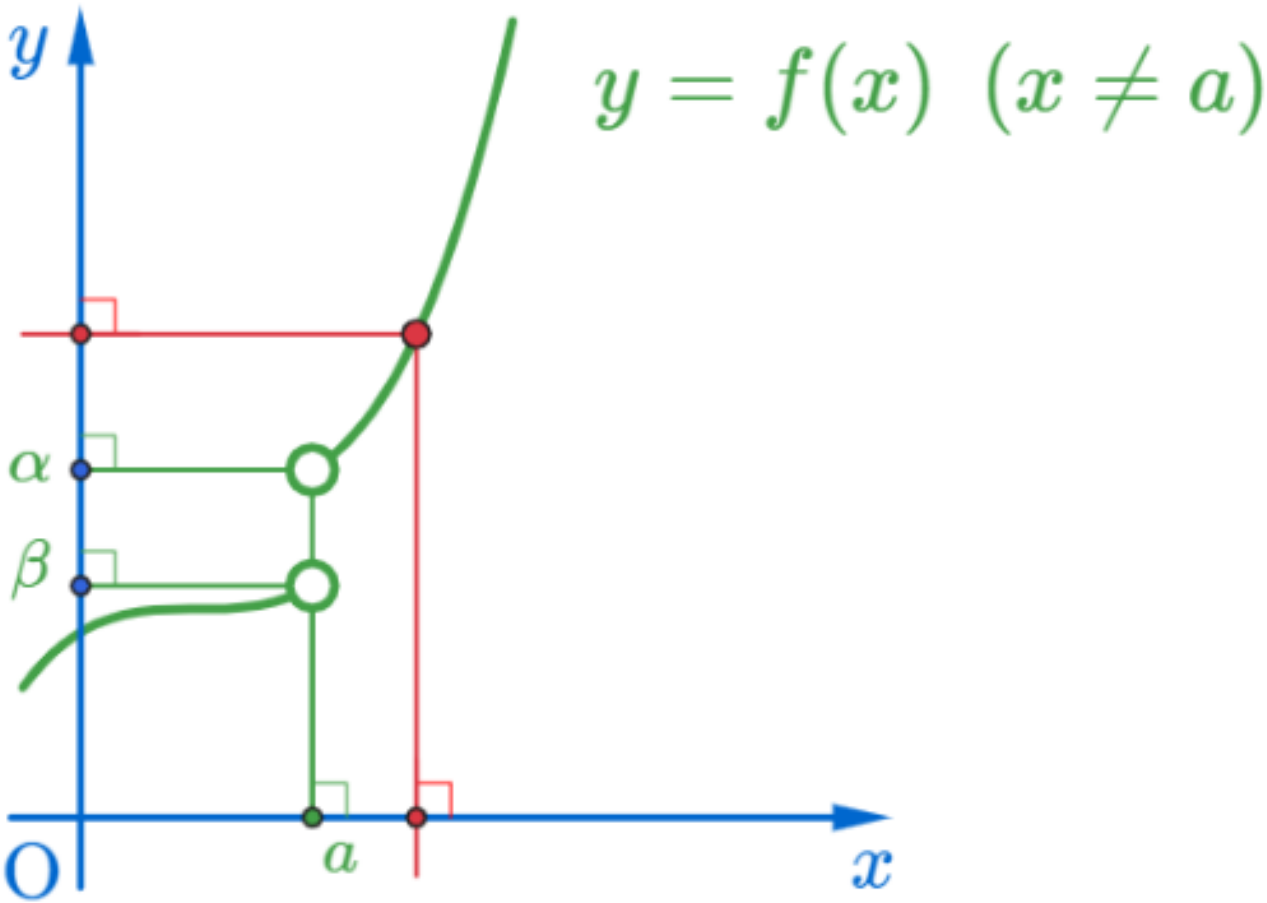
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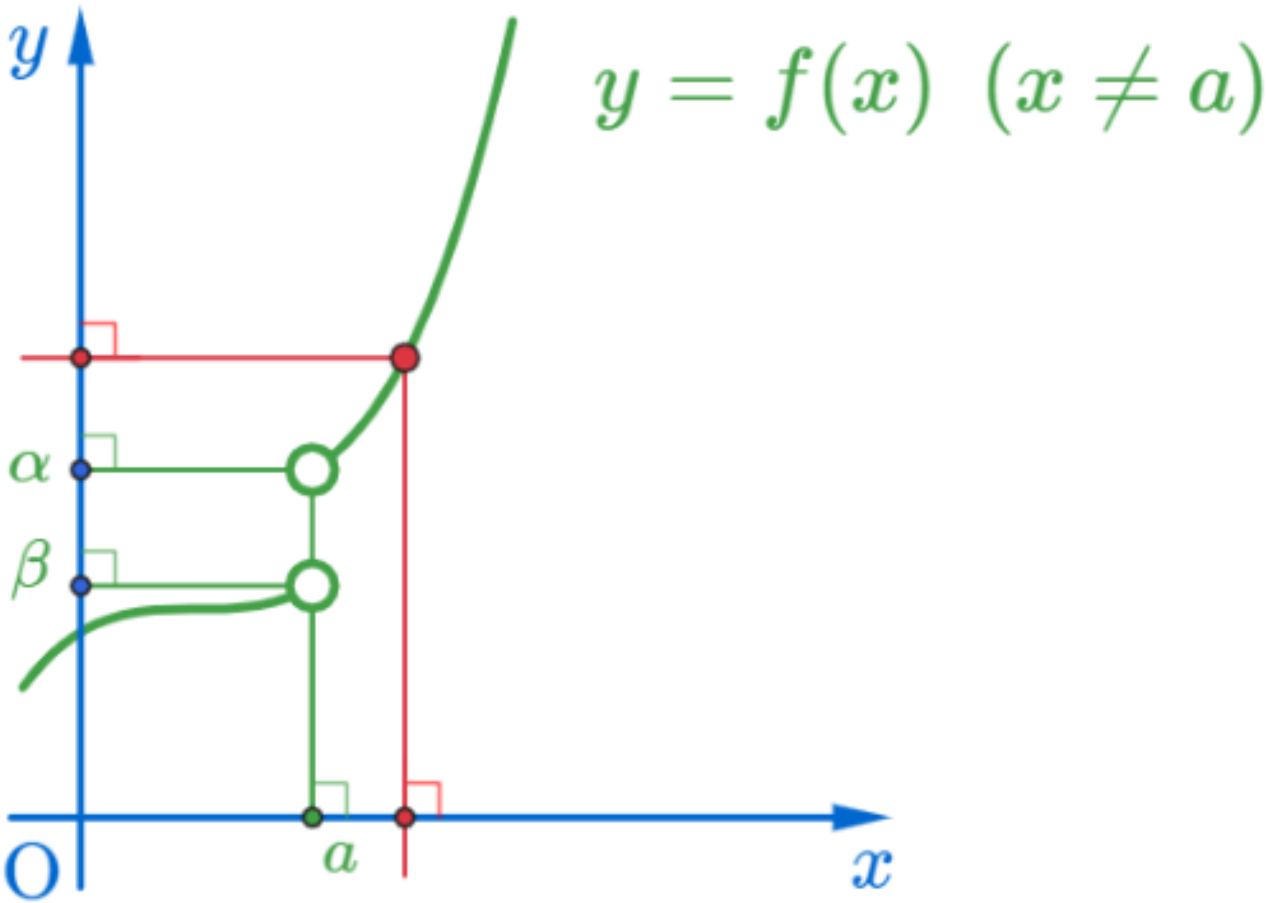
y
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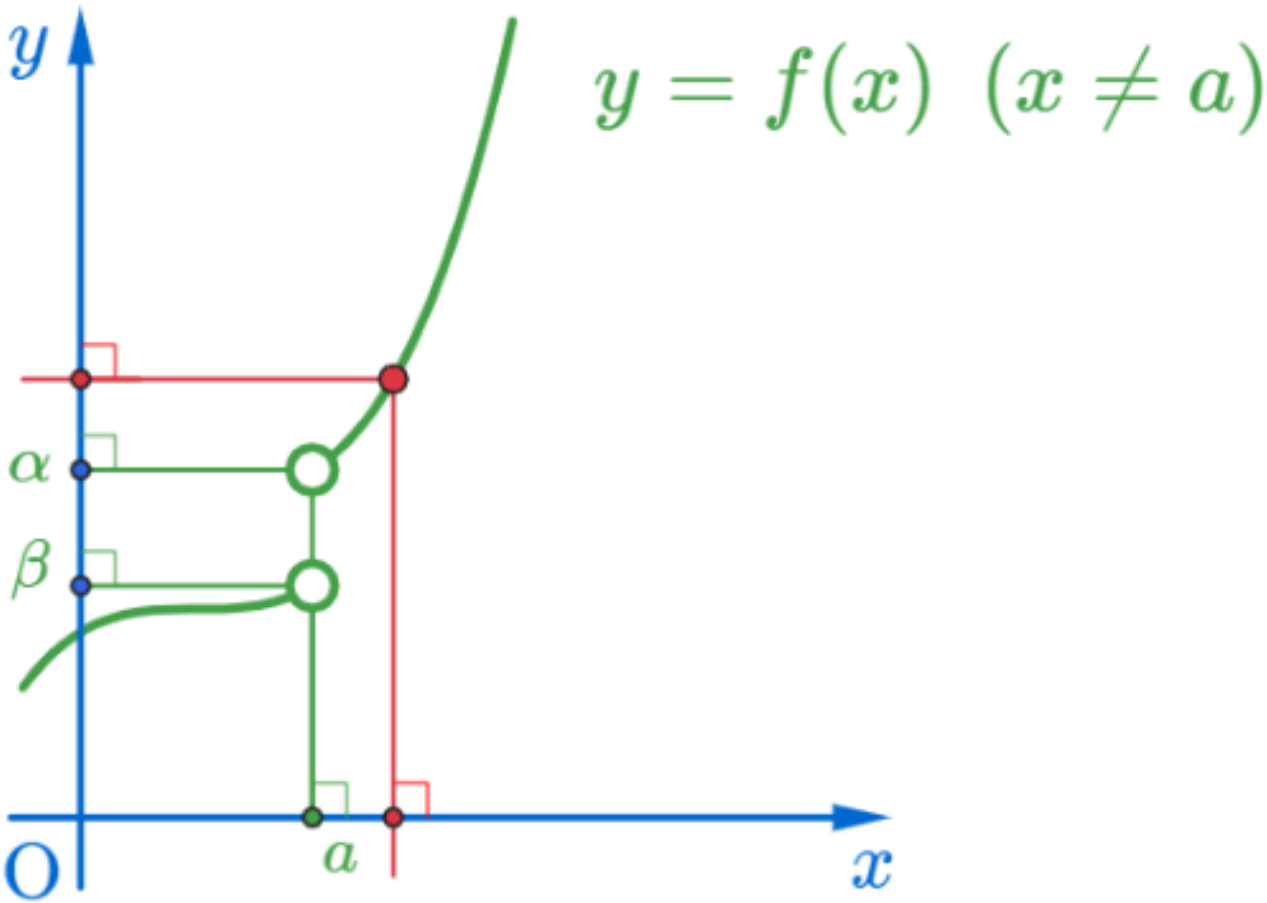
y = f(x) (x ≠ a)


y
α
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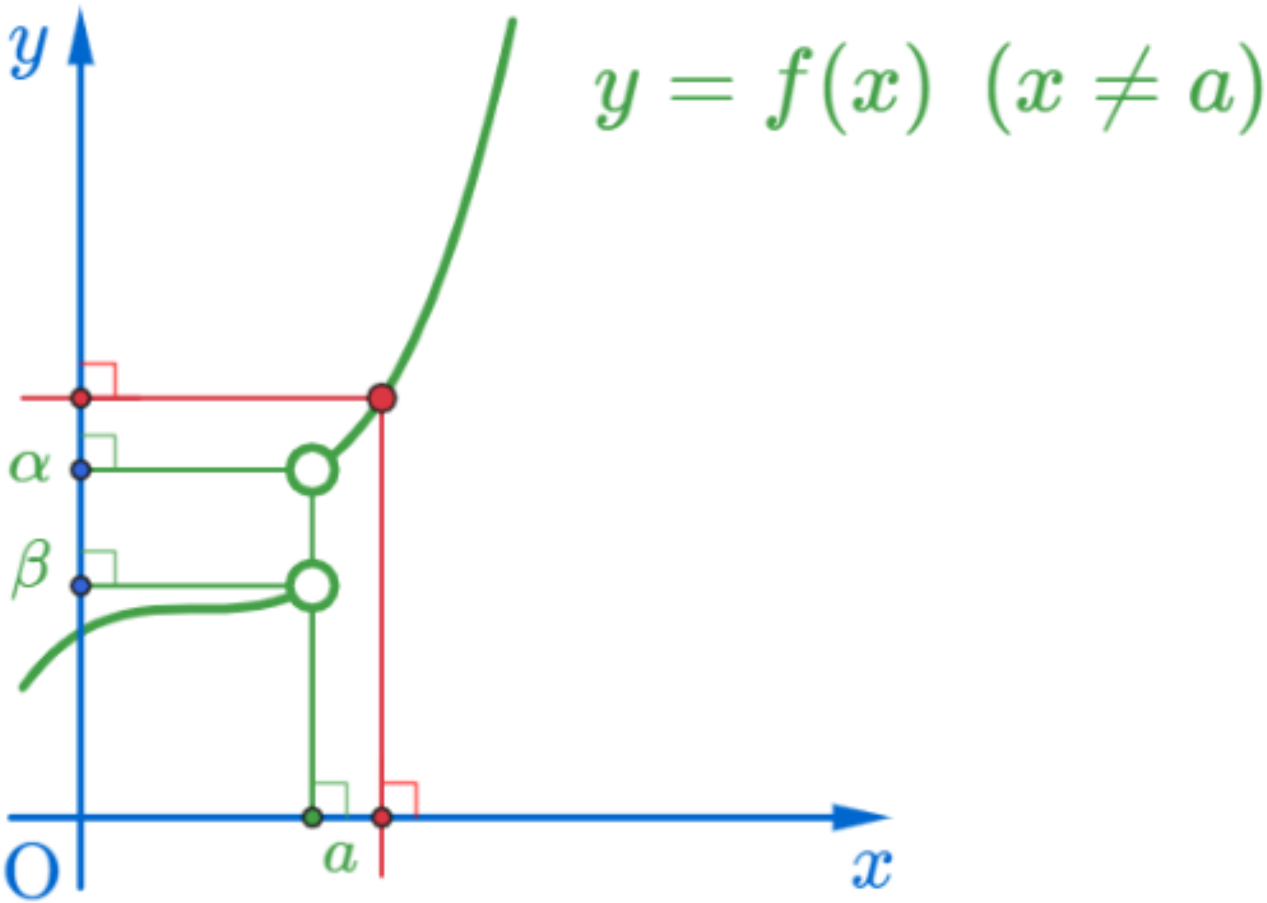
y = f(x) (x ≠ a)


y
α
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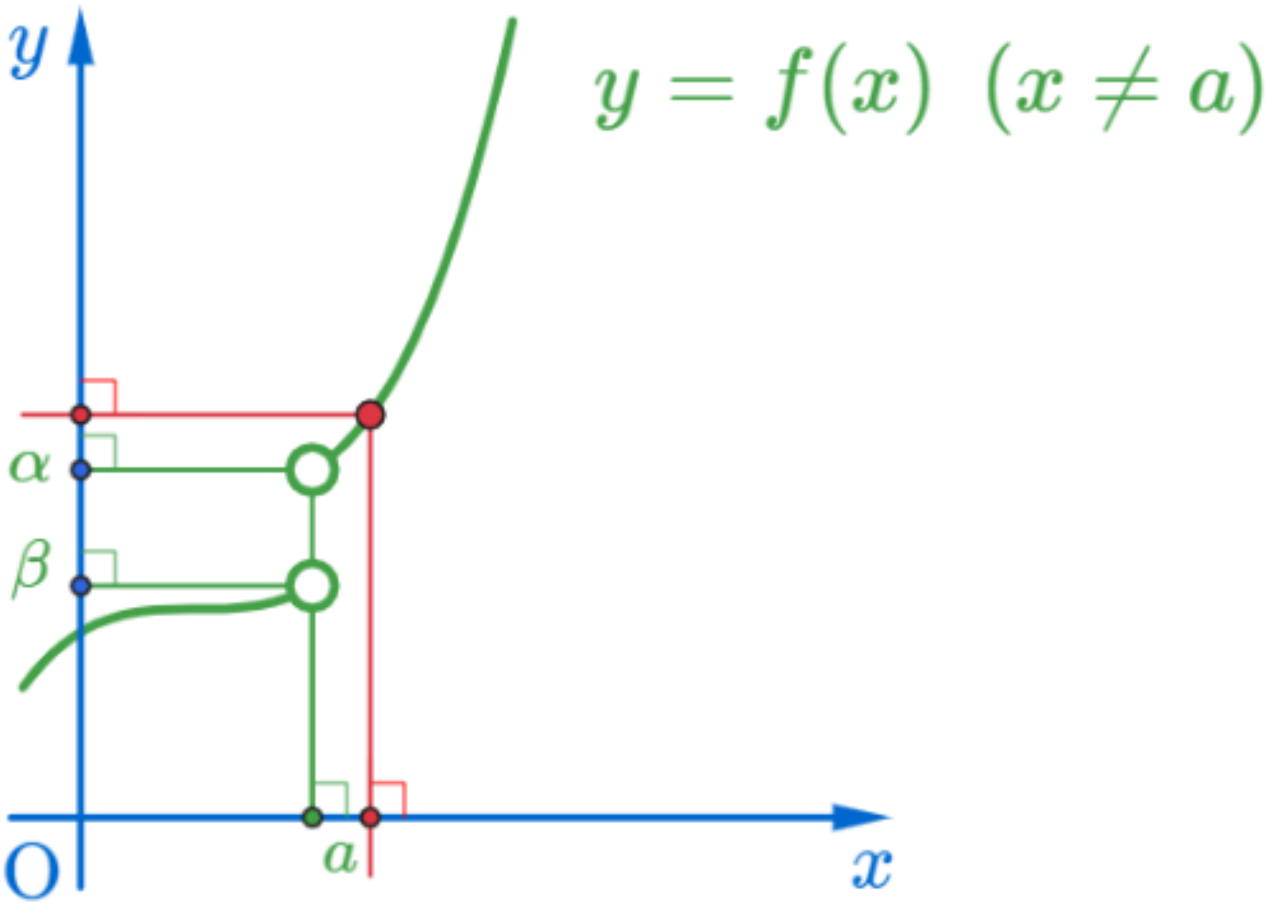
y = f(x) (x ≠ a)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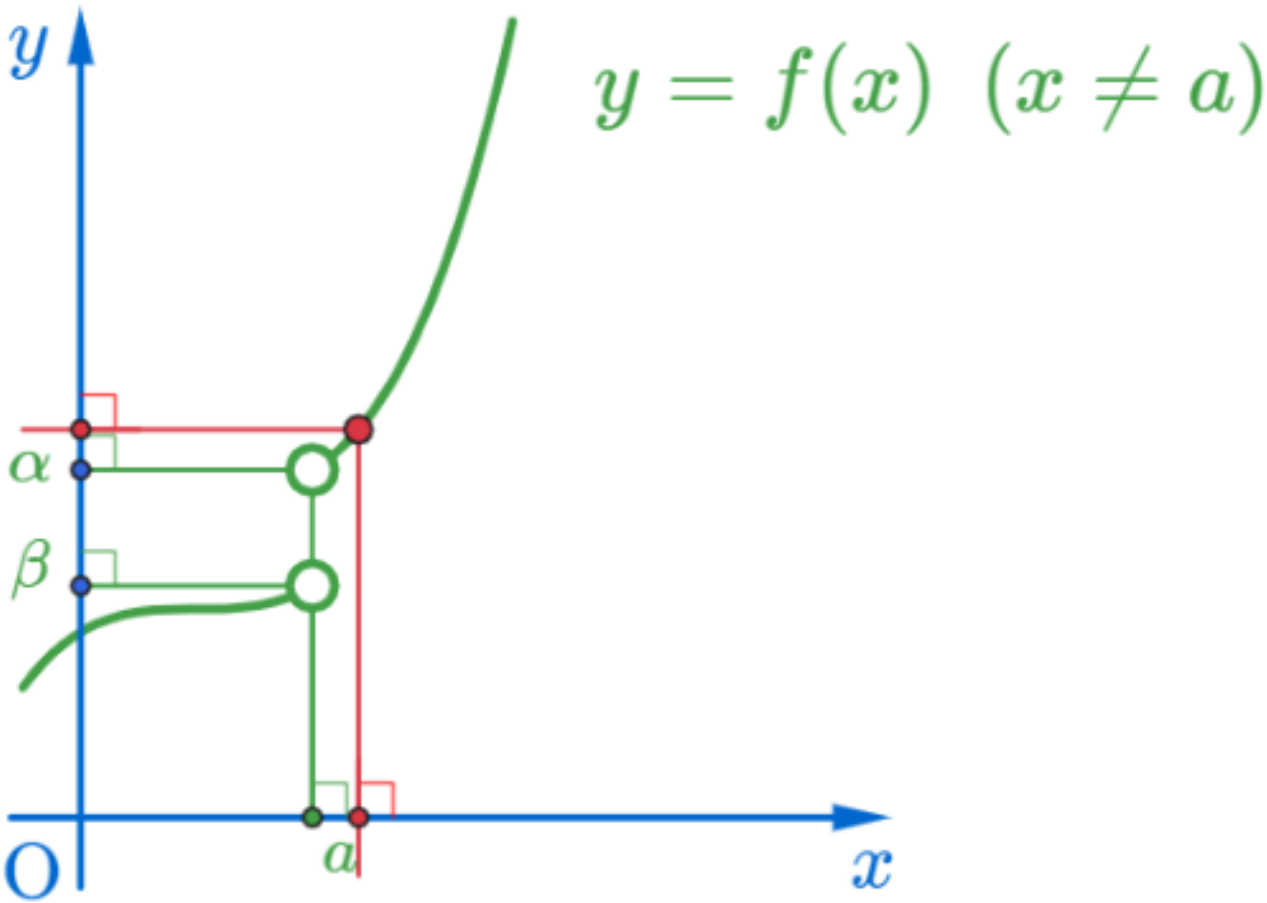
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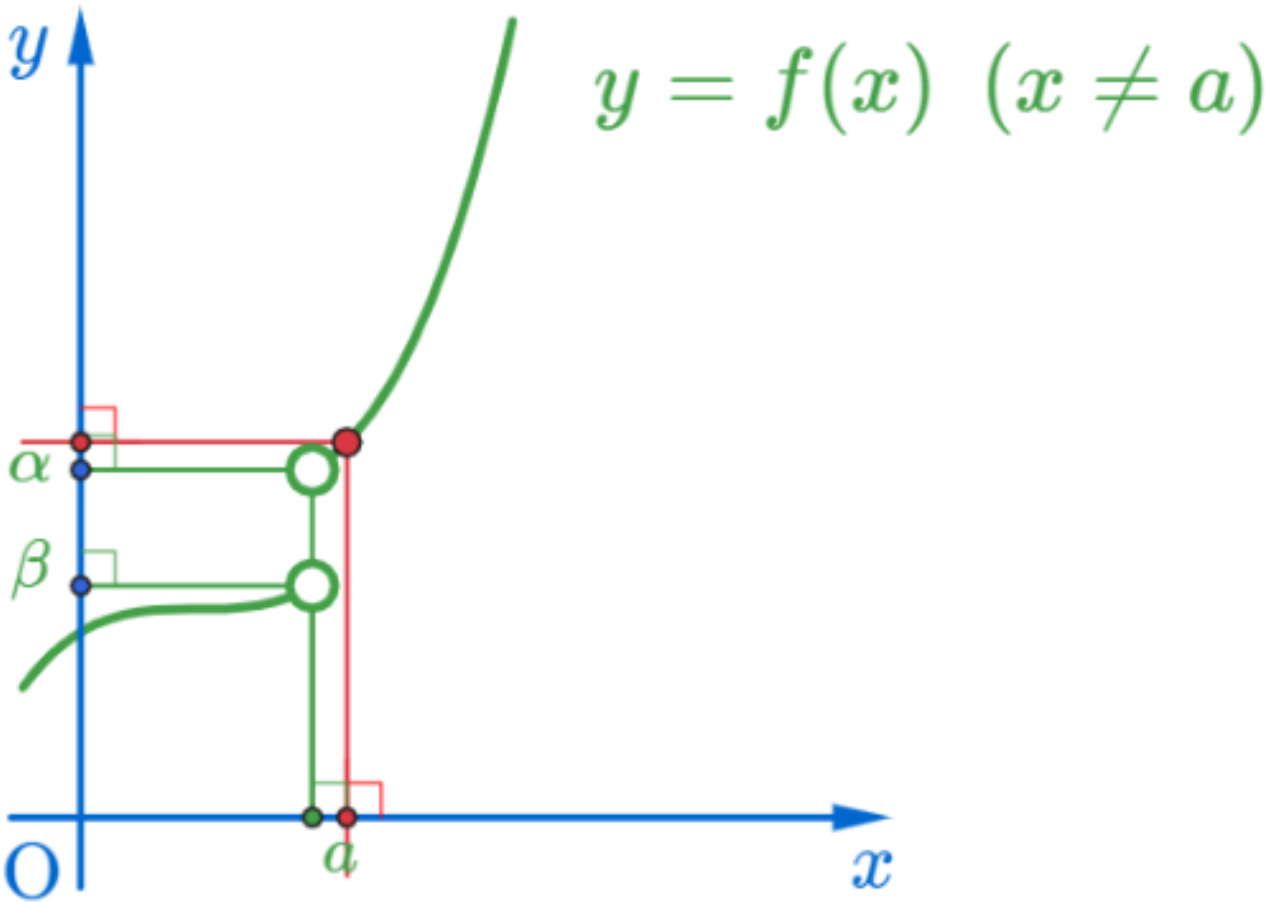
y = f(x) (x ≠ a)


y
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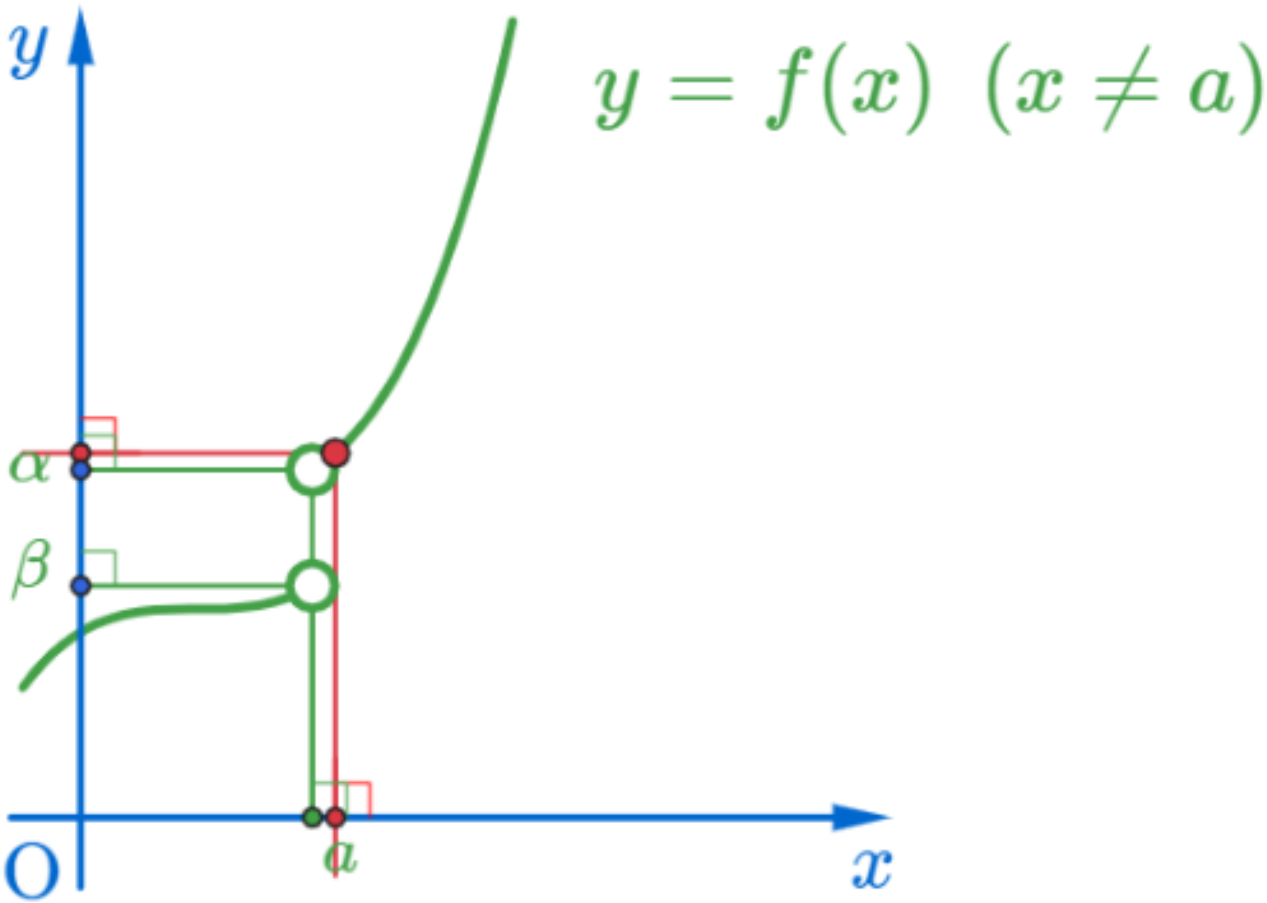
y = f(x) (x ≠ a)


y
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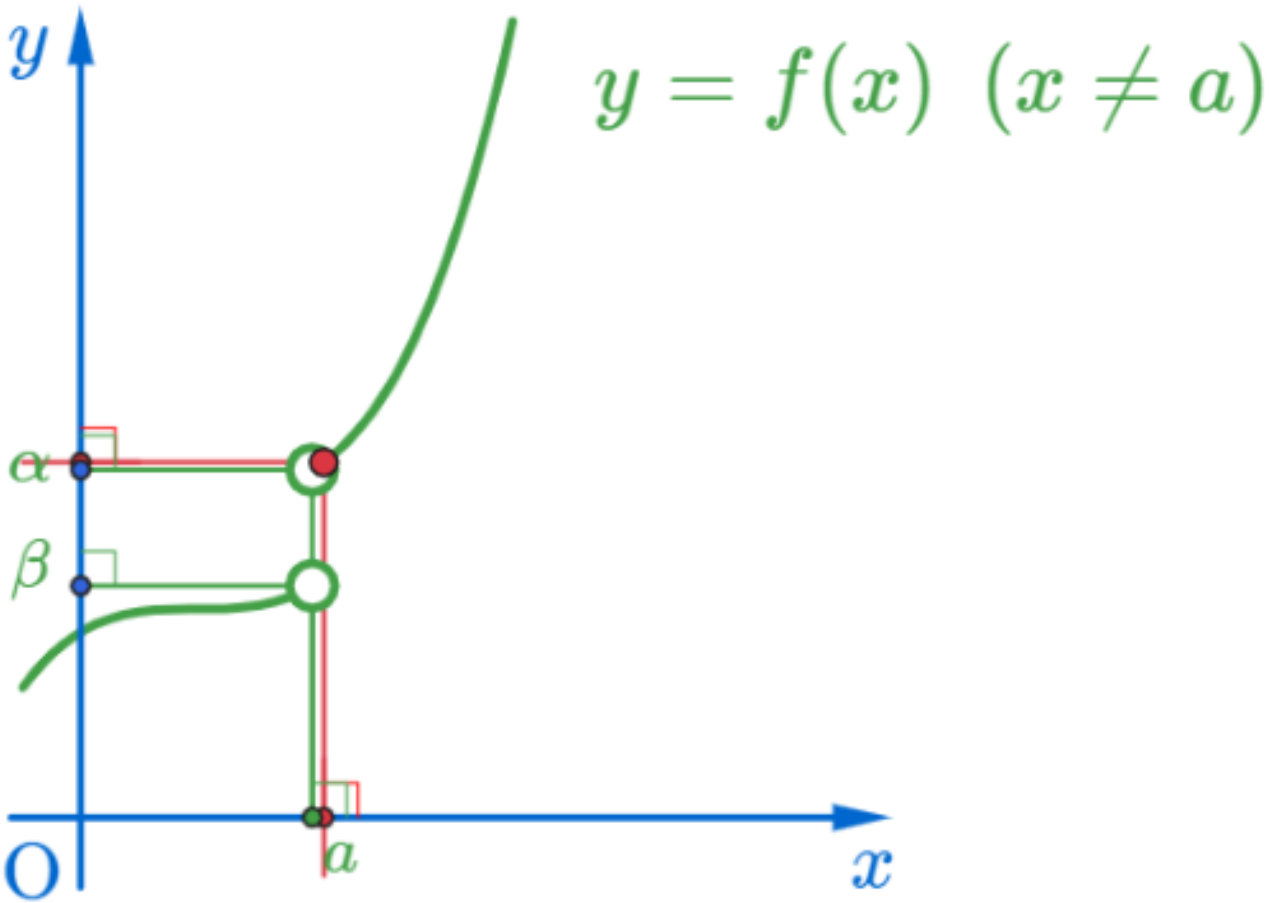
y
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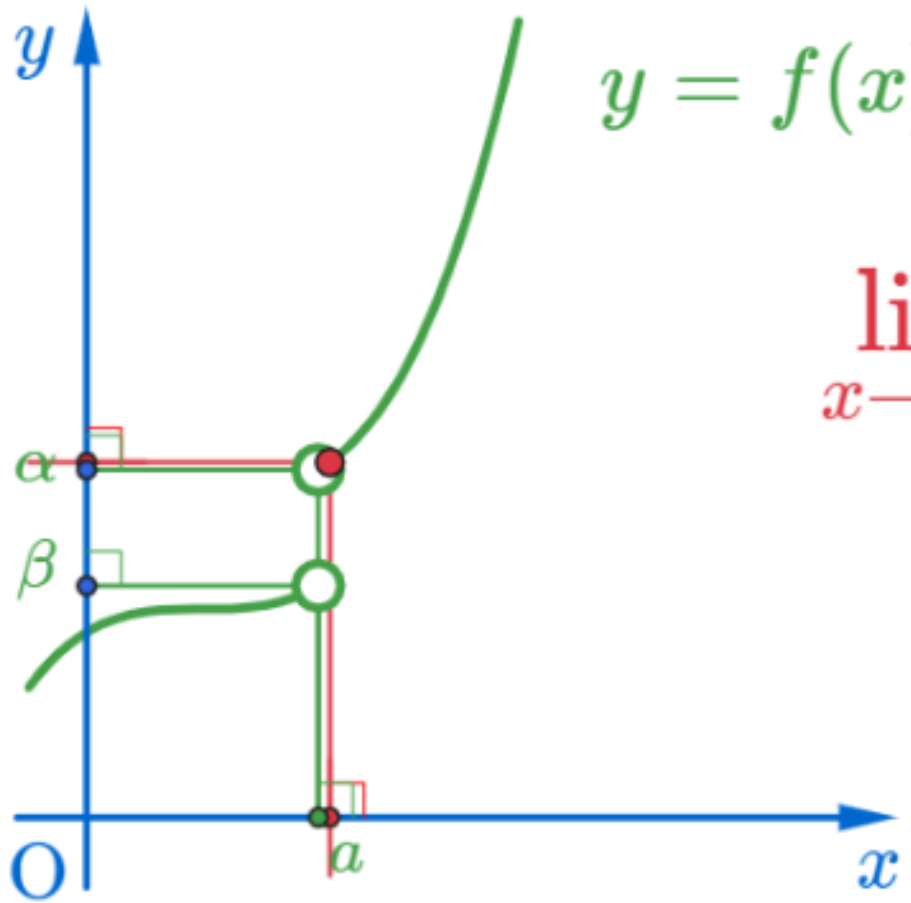
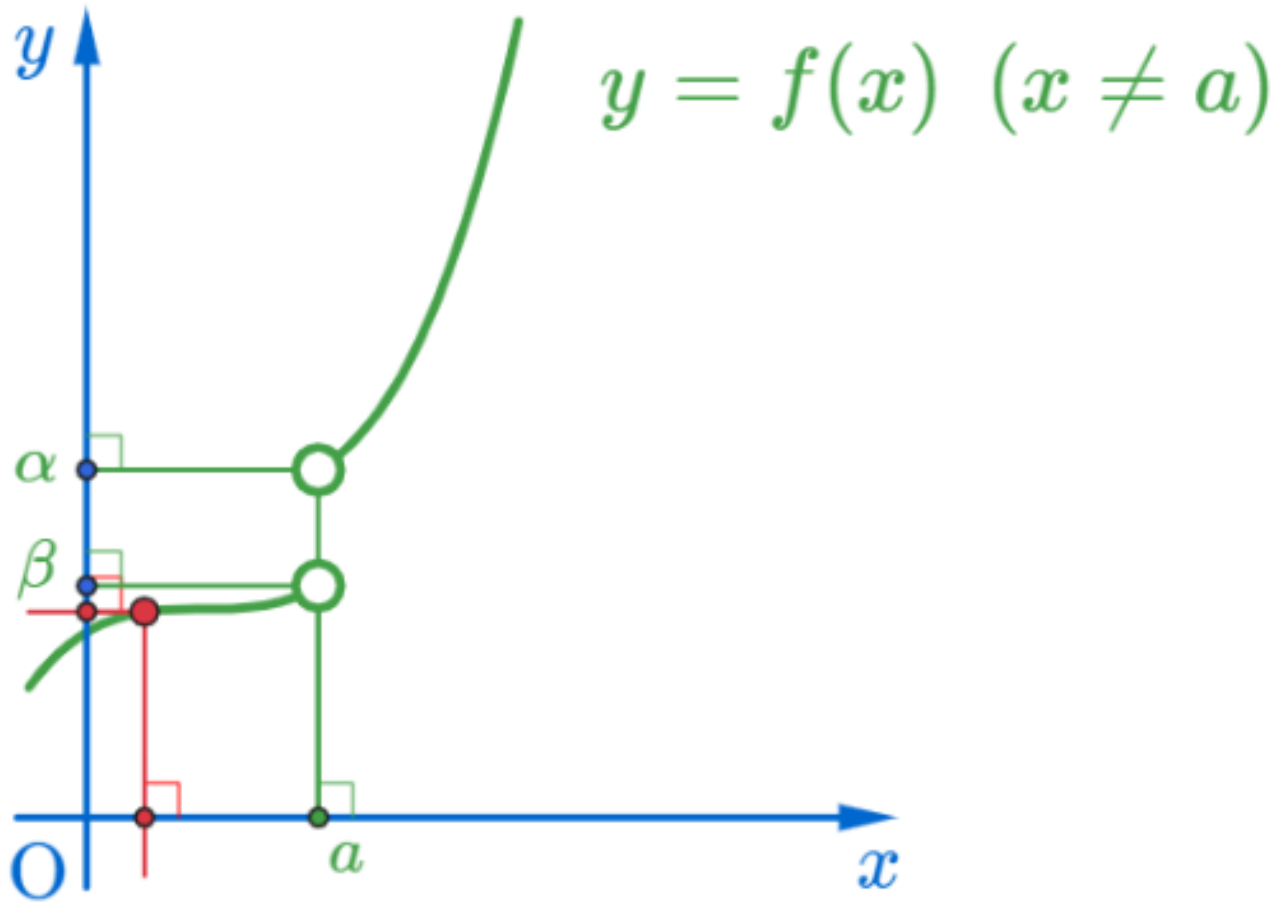
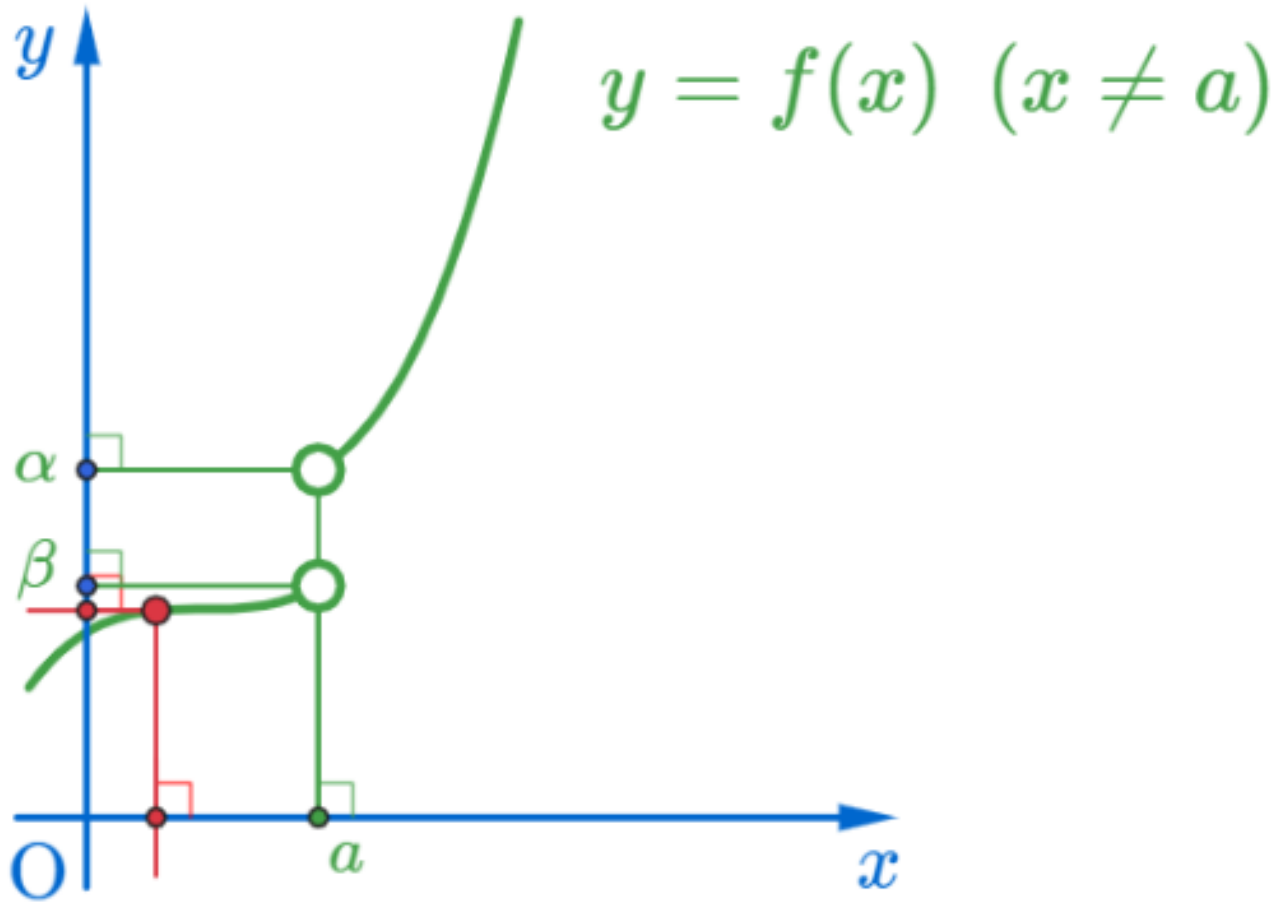
y = f(x) (x ≠ a)



$$y = f(x) \ \ (x \neq a)$$

$$\lim_{x\to a+} f(x) = \alpha$$


y
α
β
O
a
x
y = f(x) (x ≠ a)


y
α
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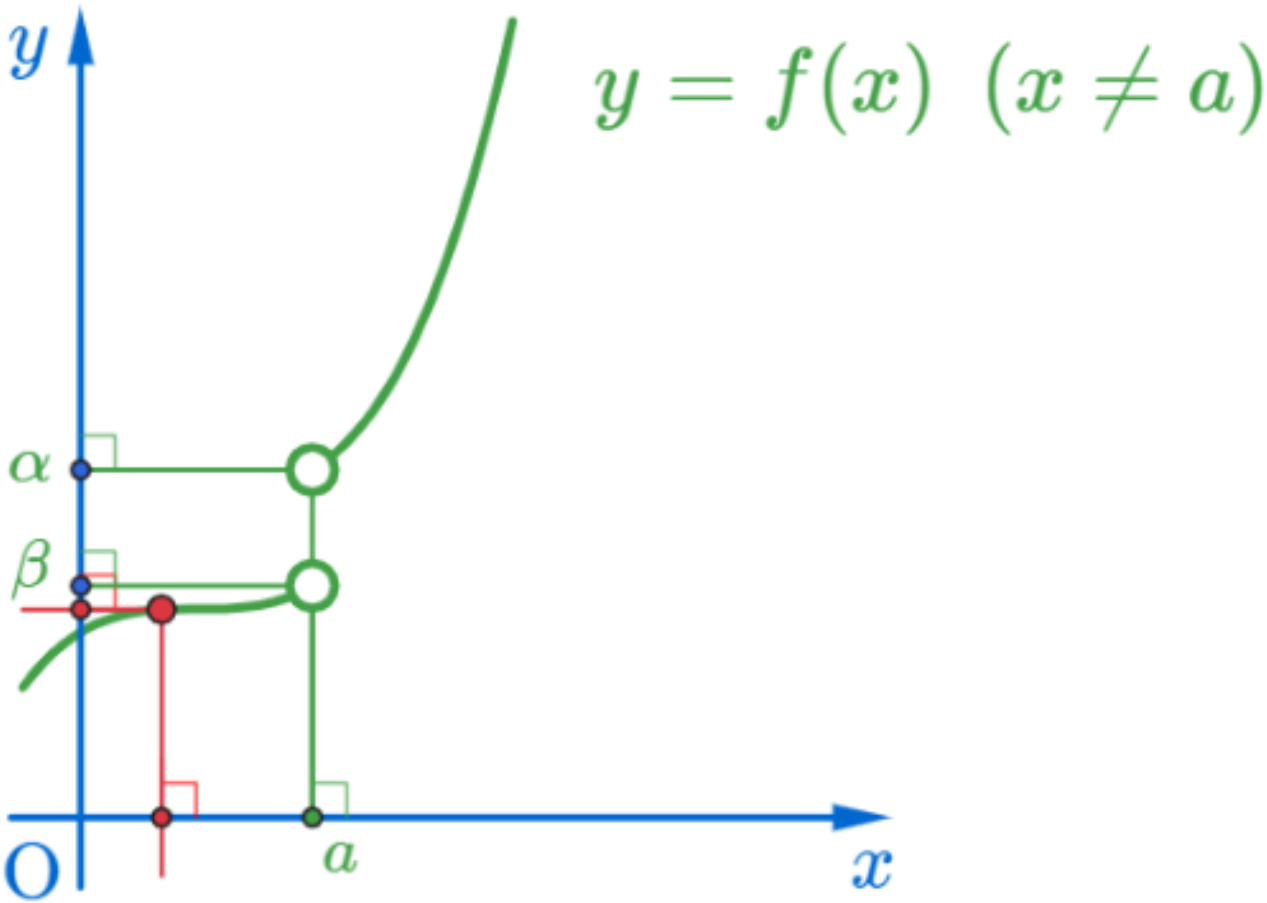
y = f(x) (x ≠ a)


y
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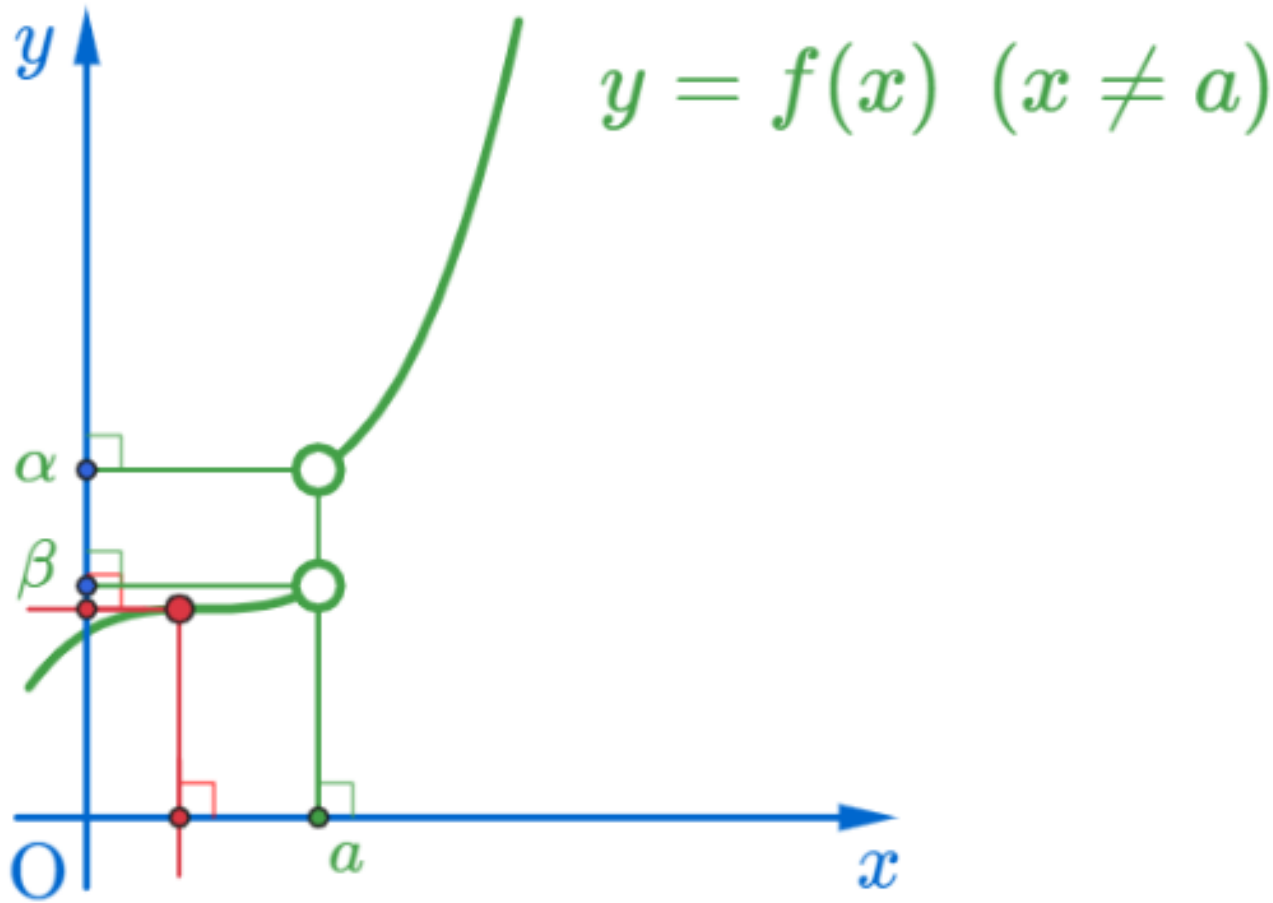
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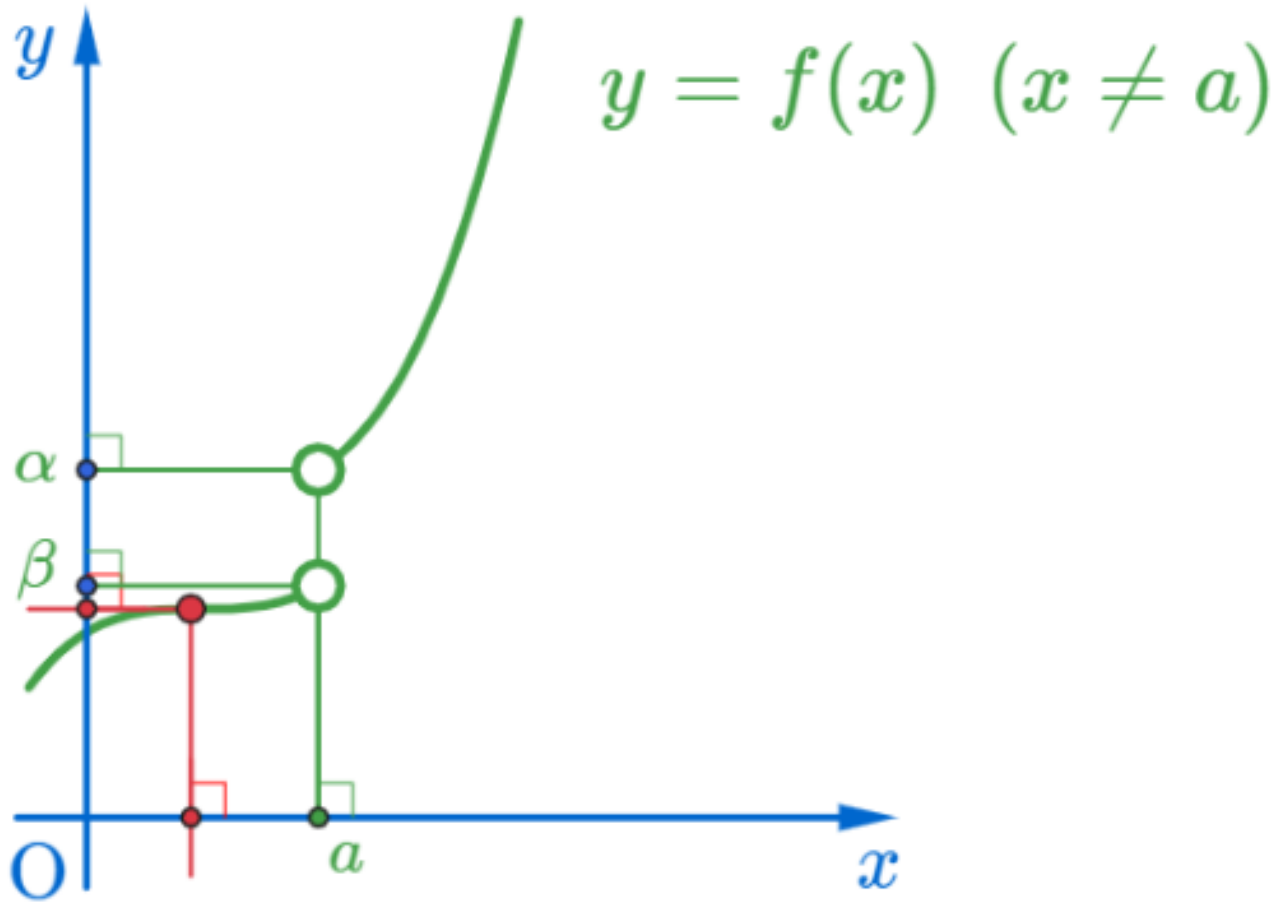
y
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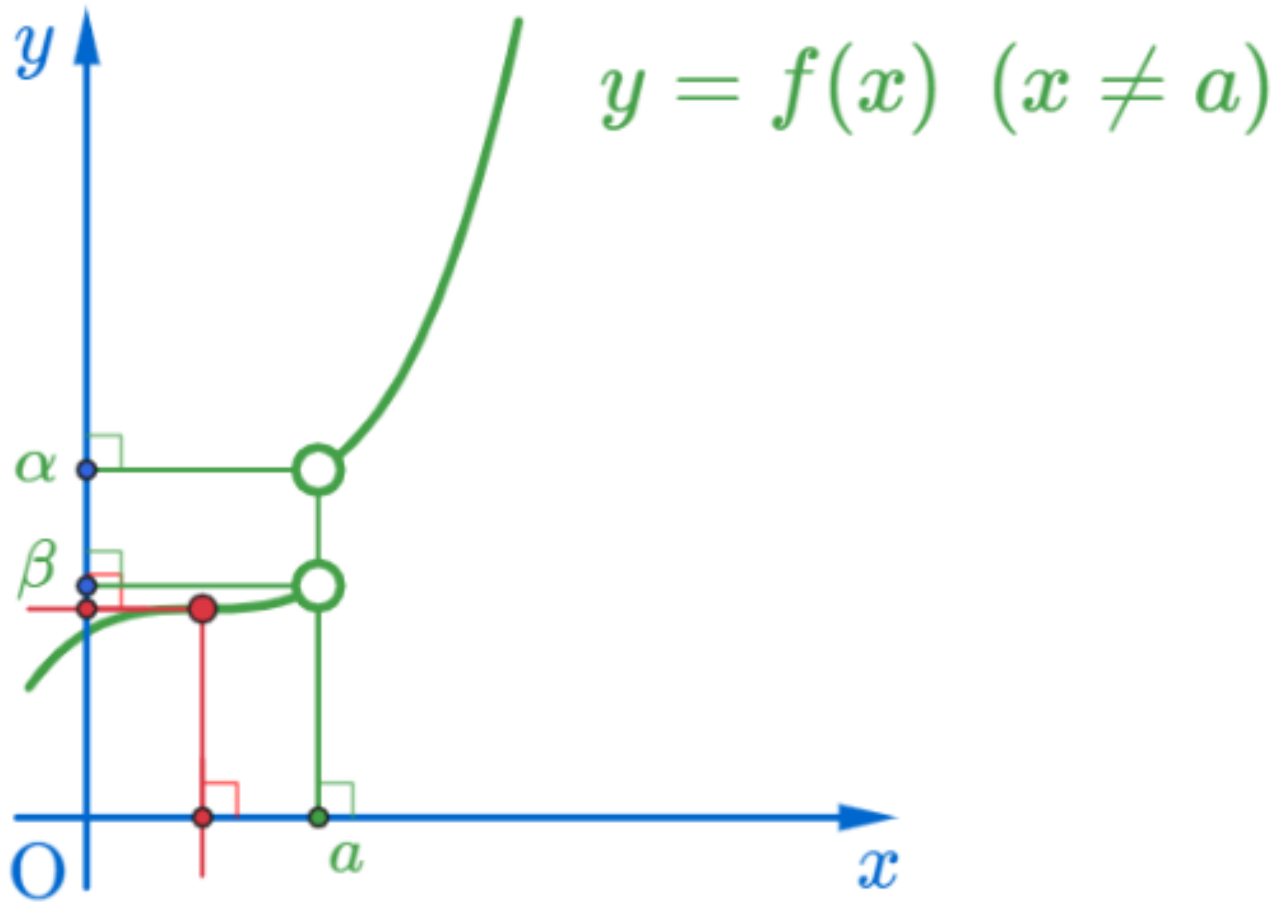
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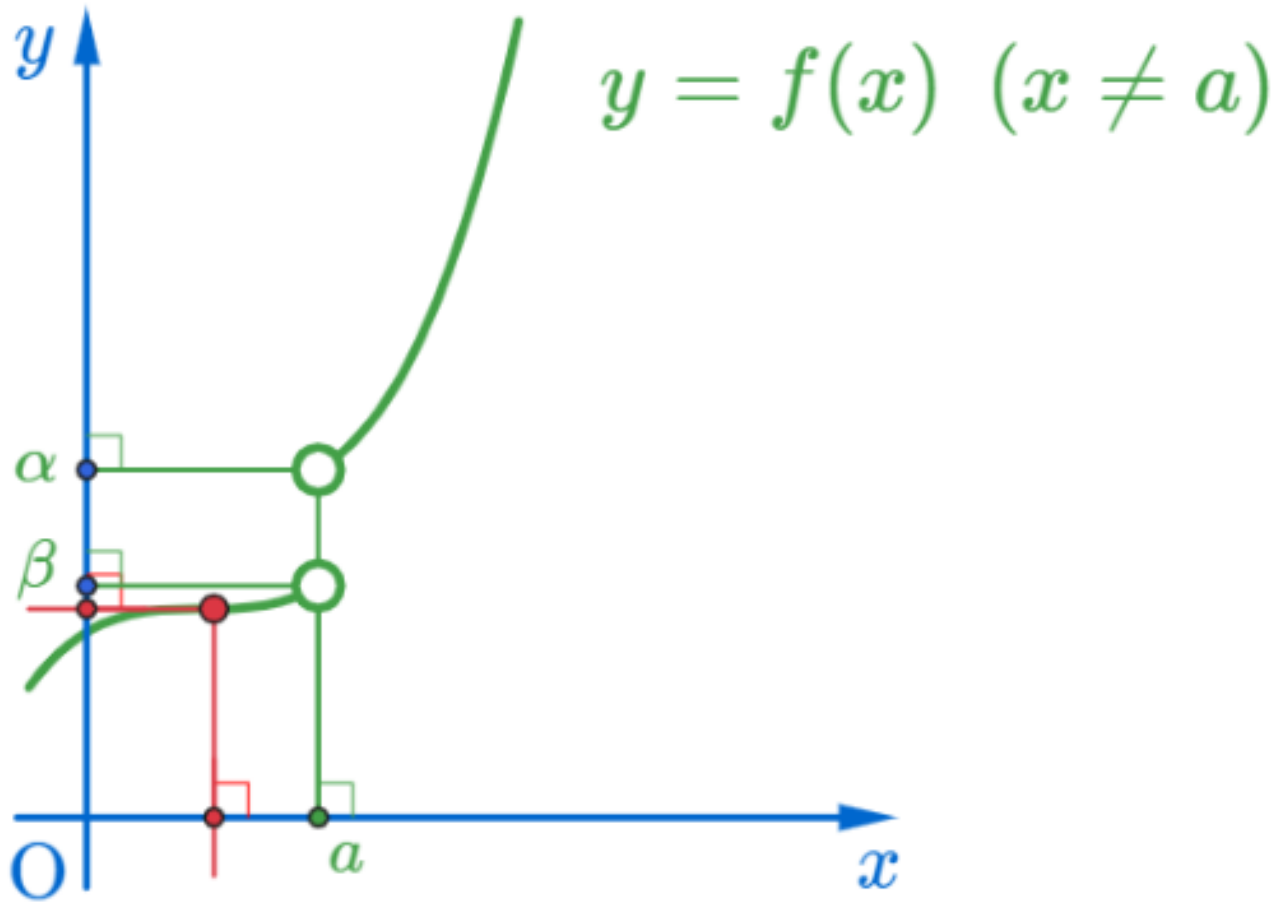
y
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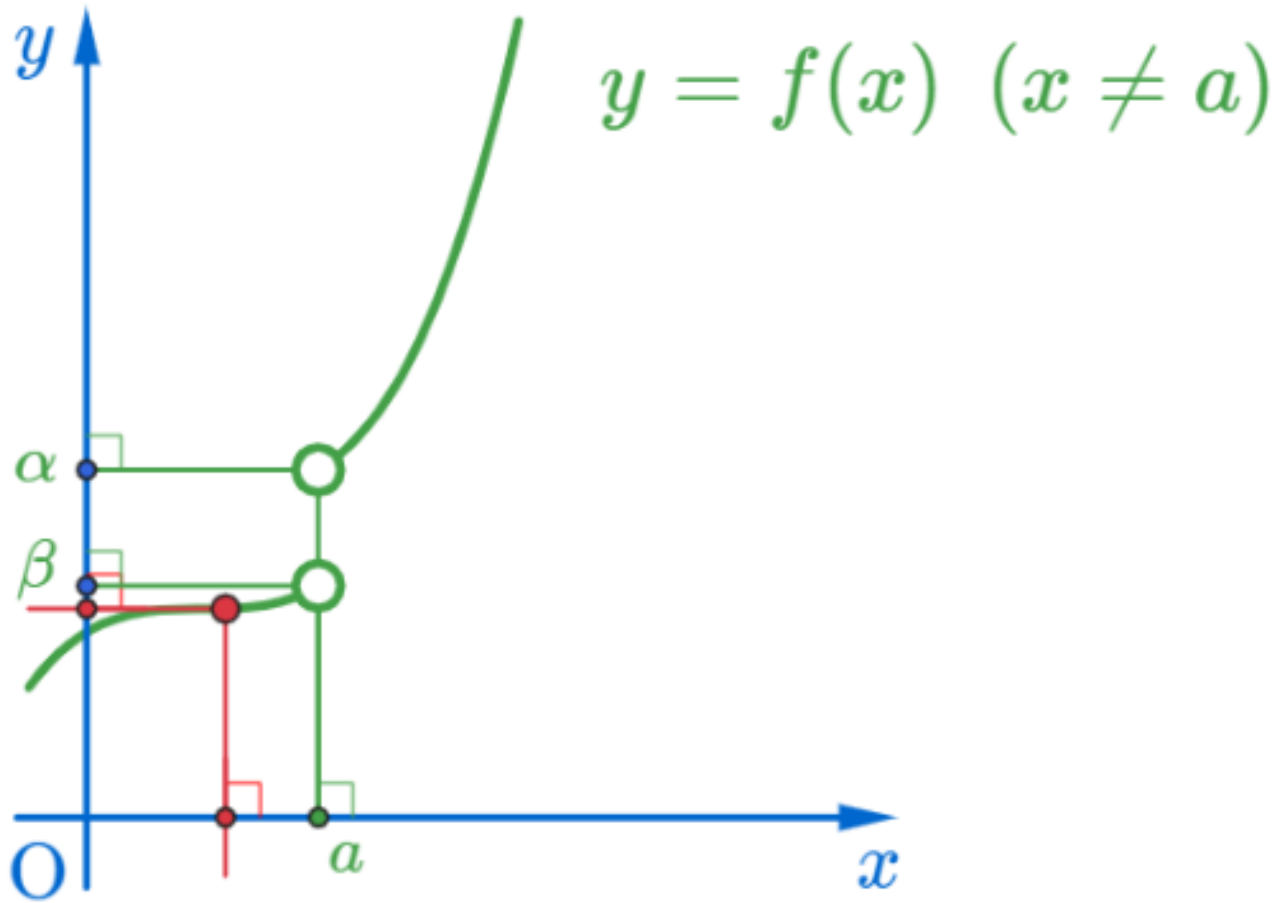
y
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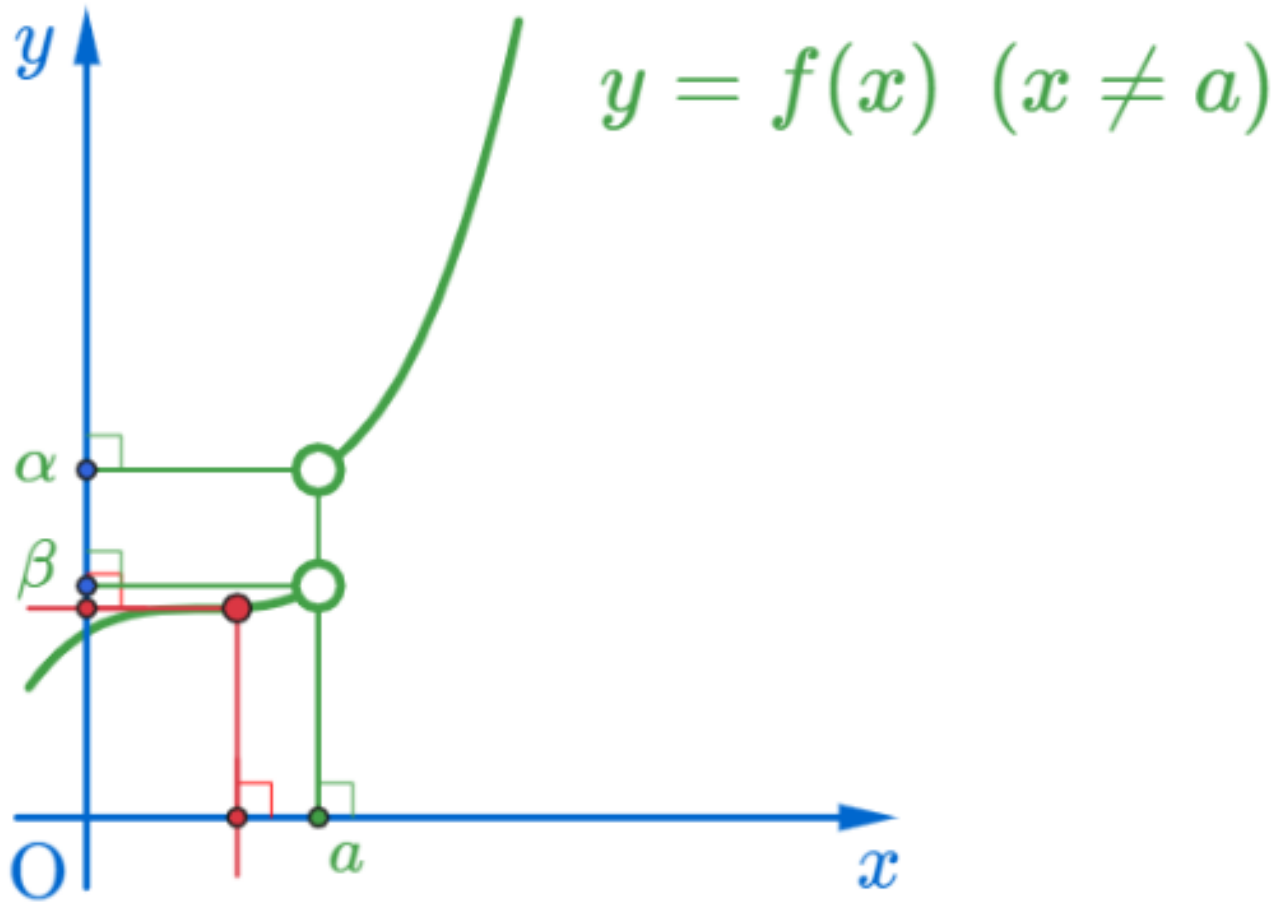
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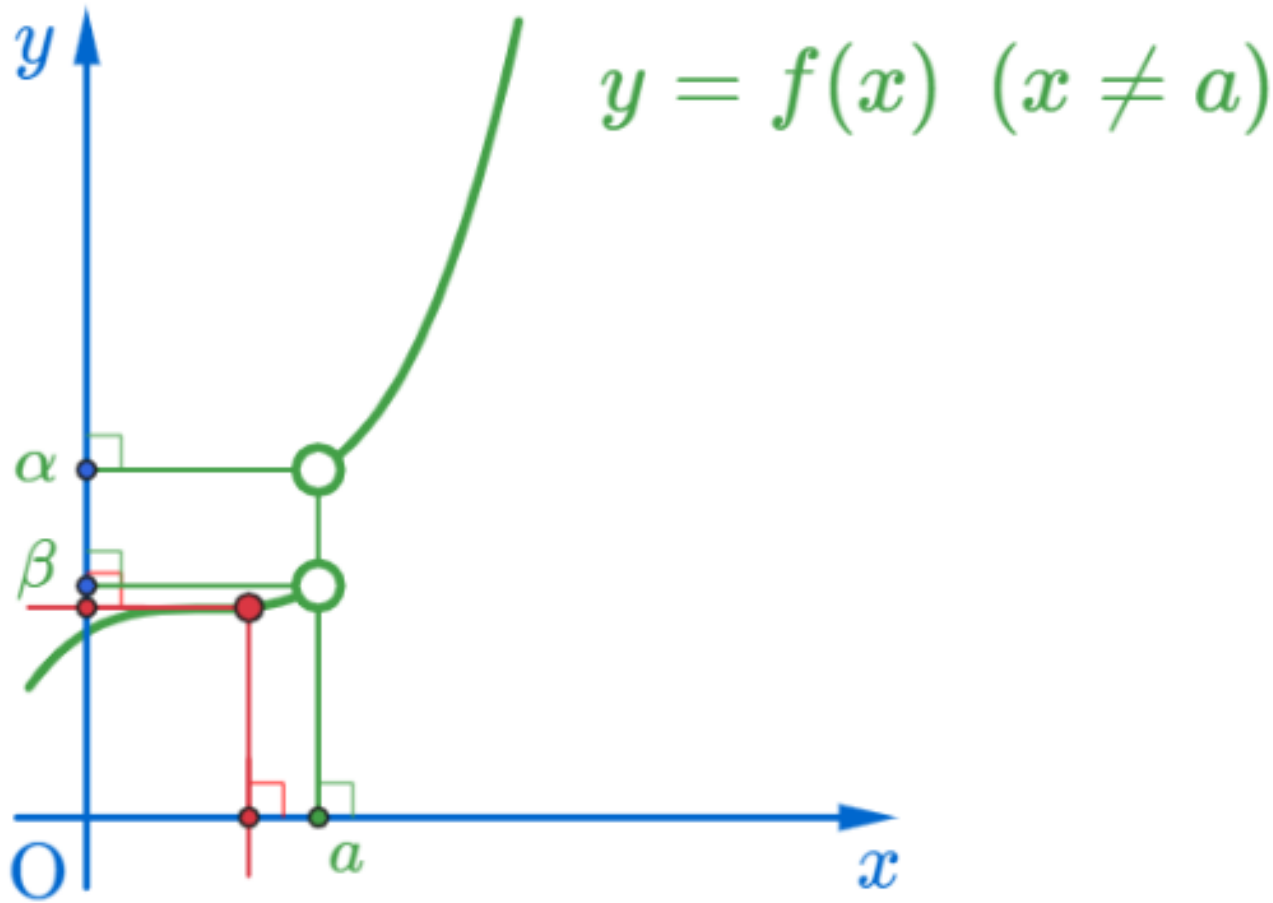
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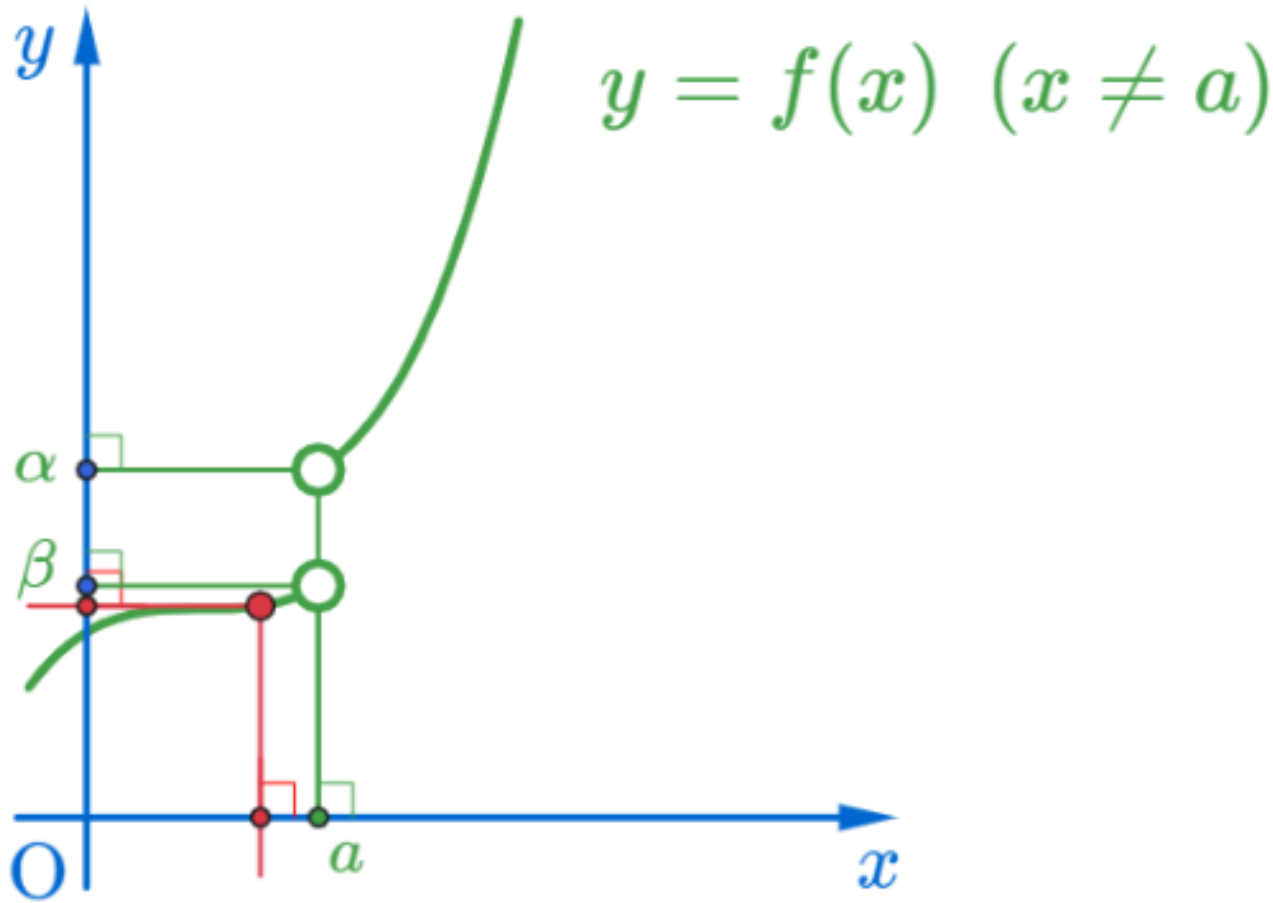
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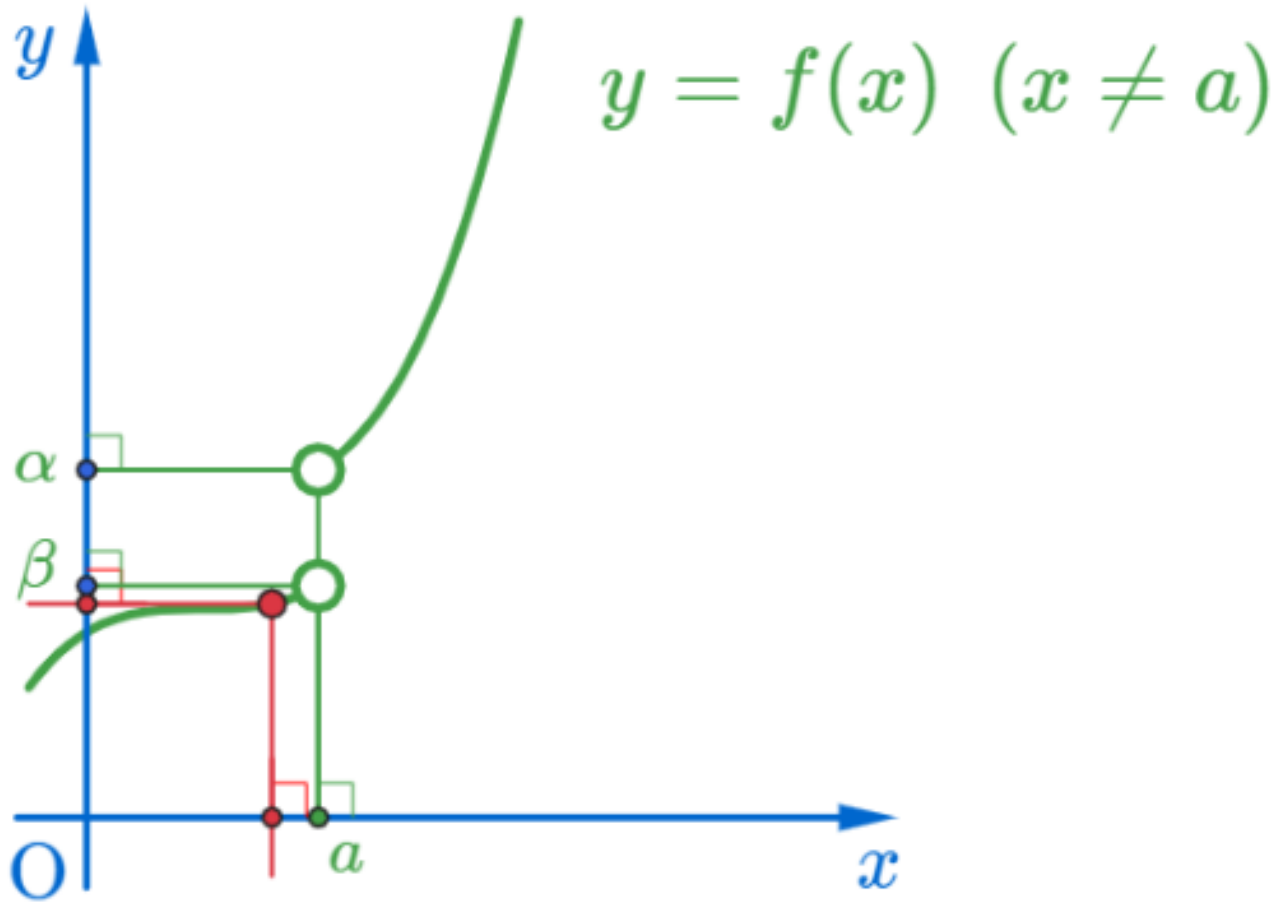
y
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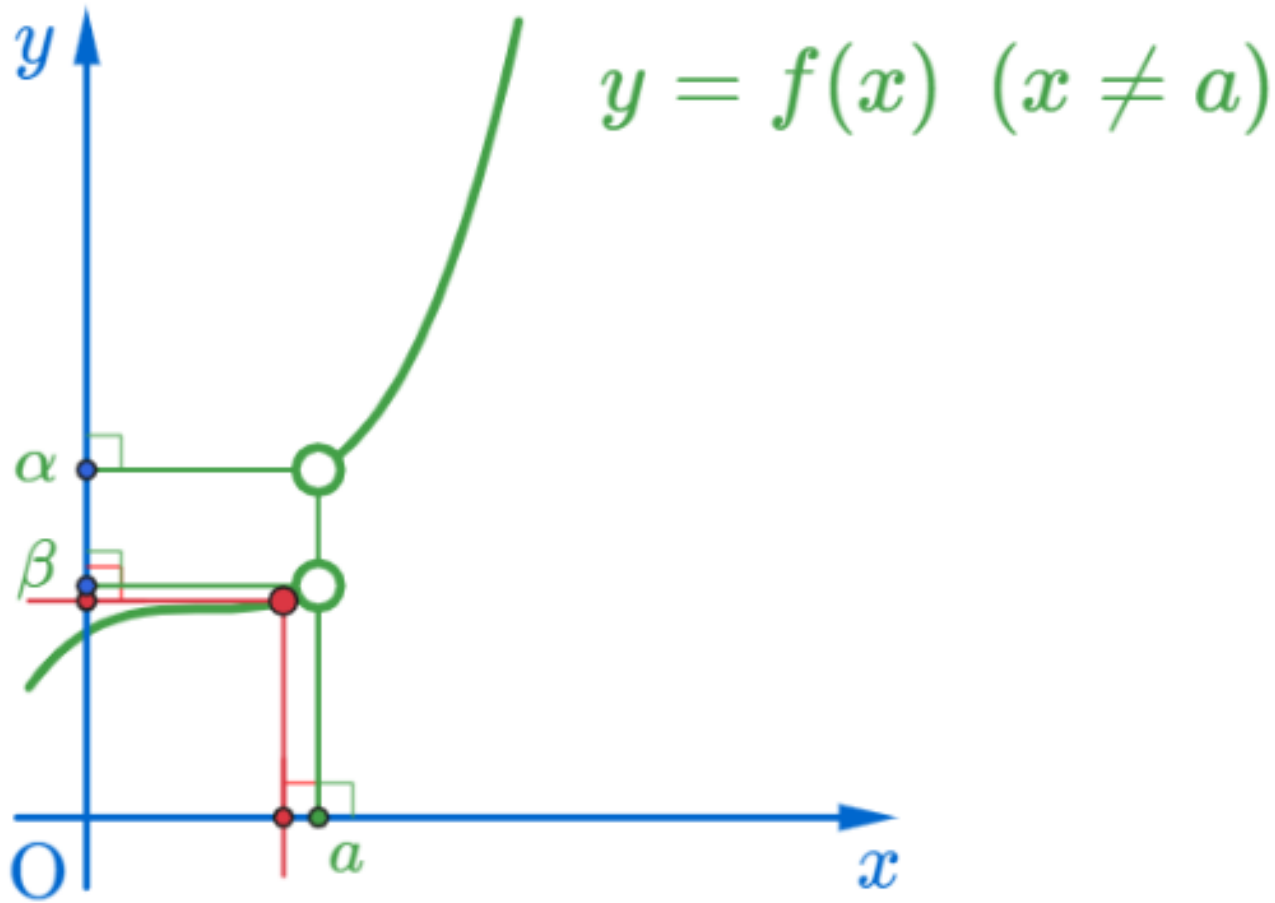
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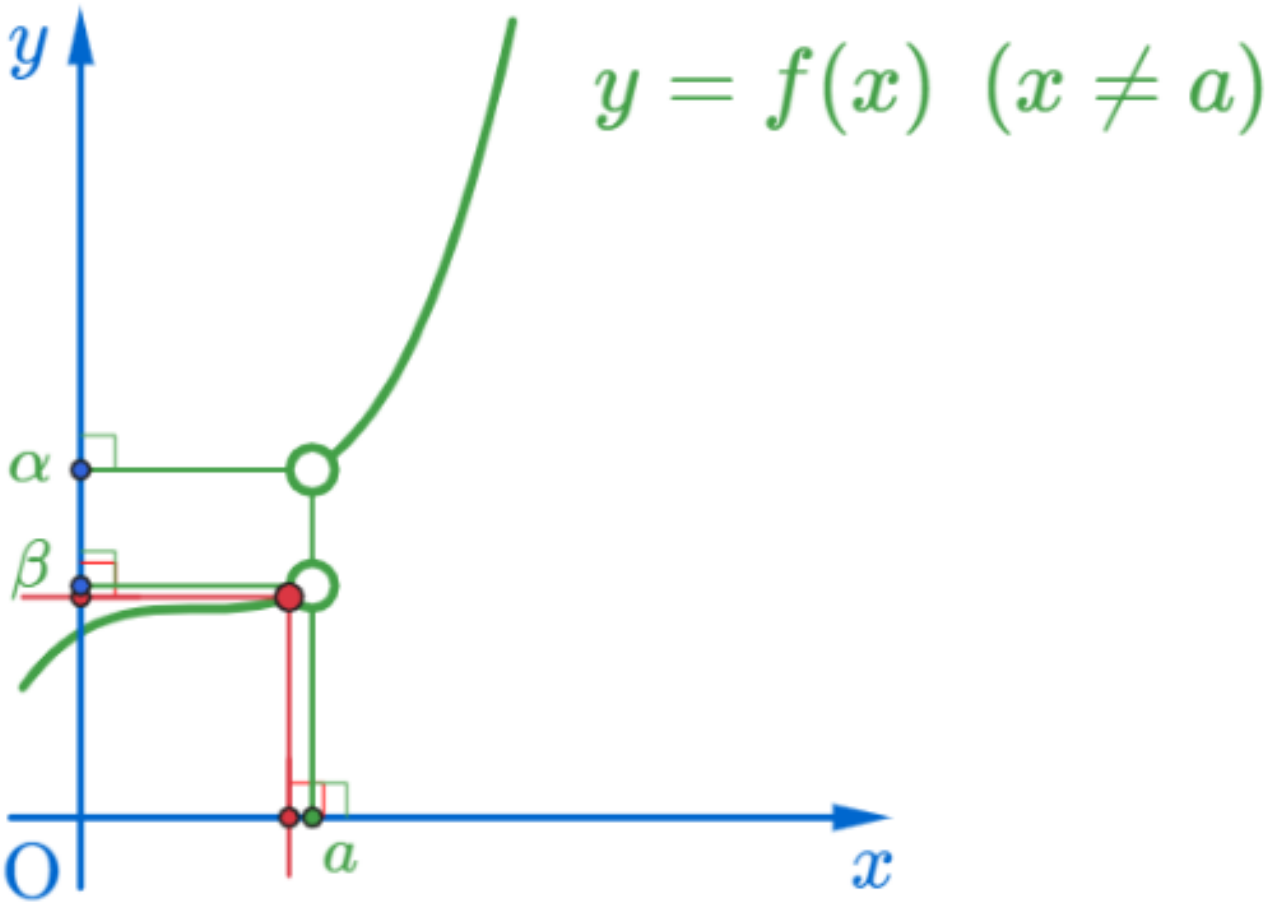
y
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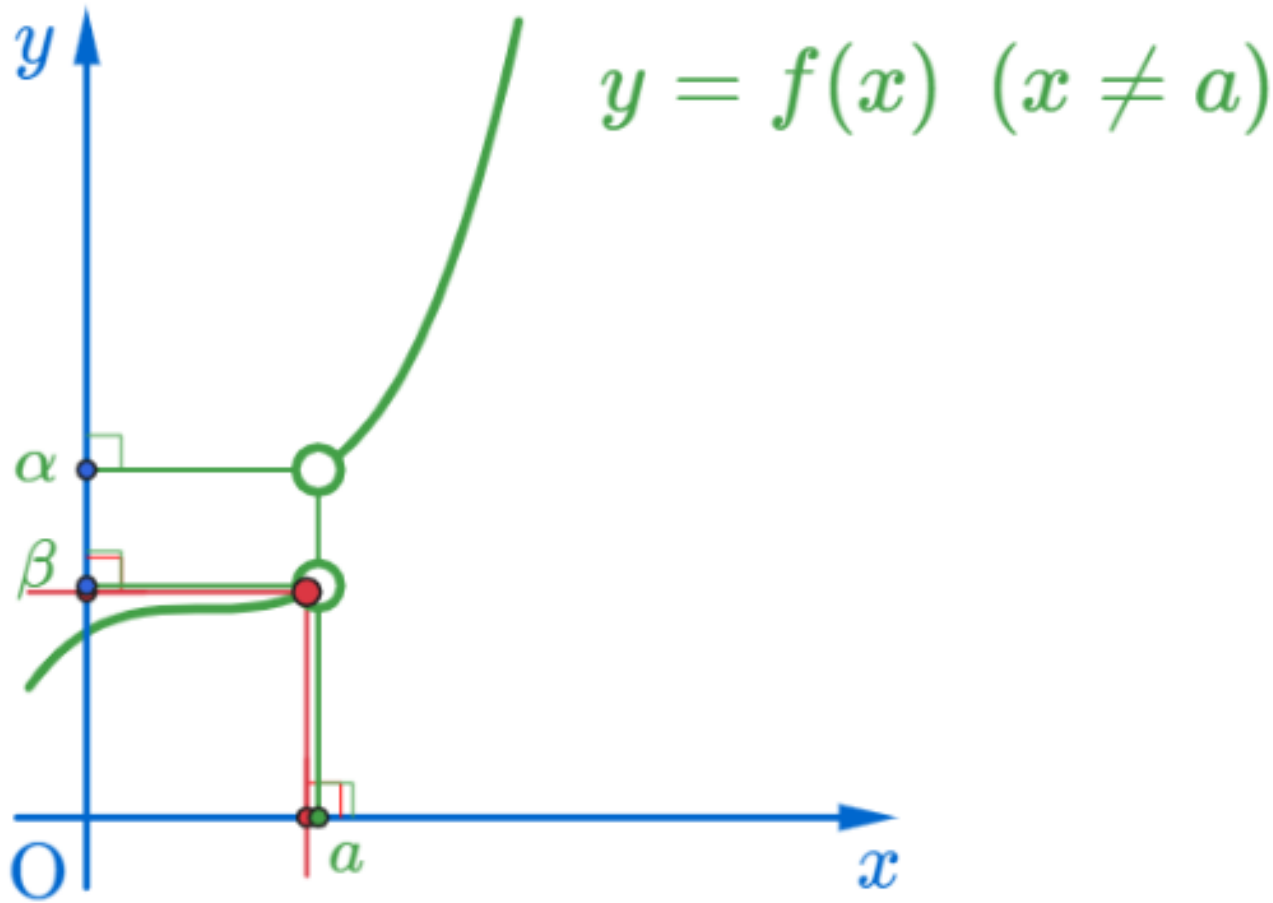
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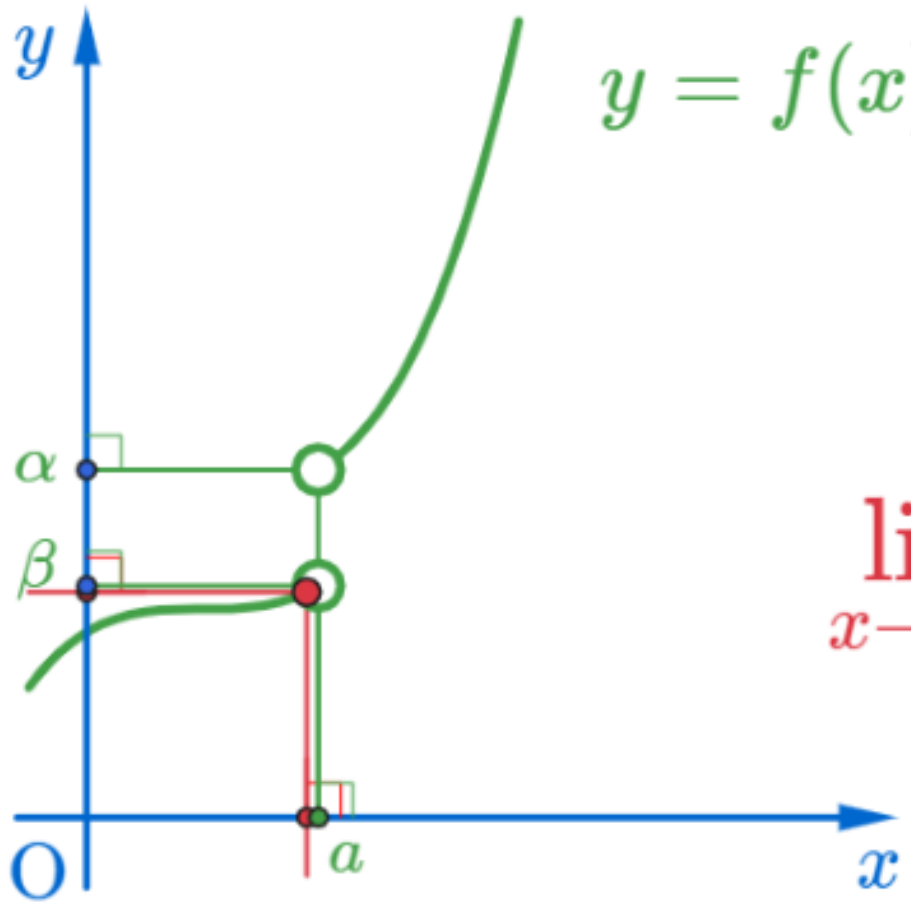
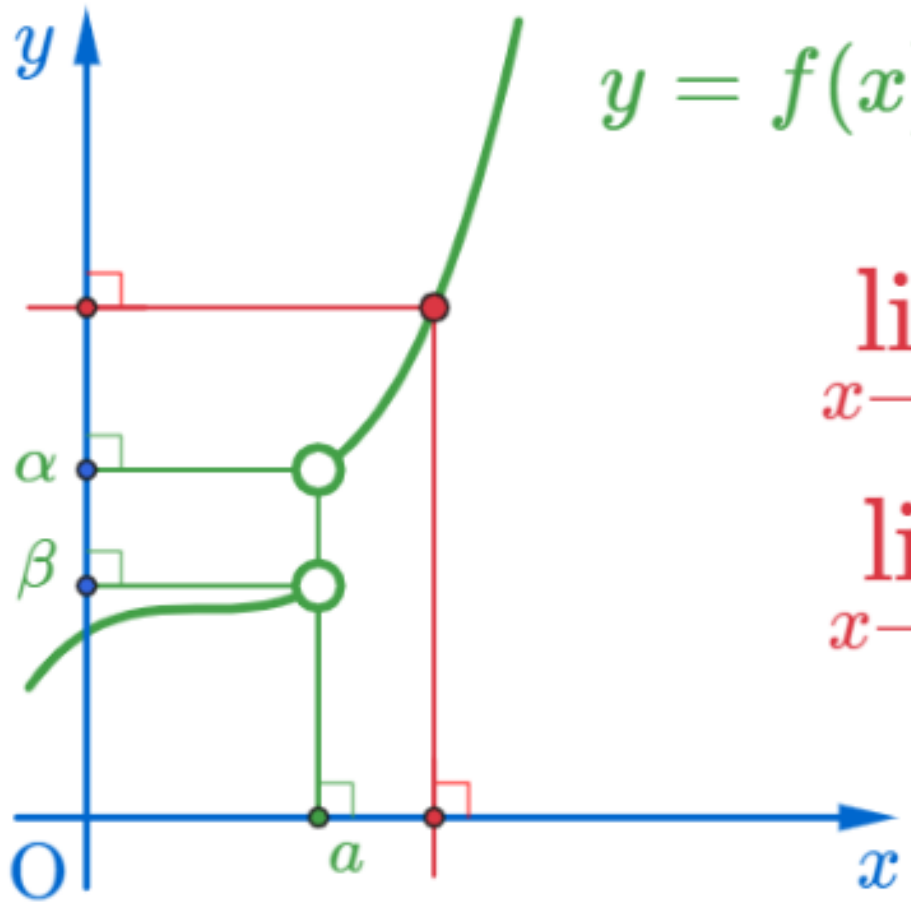


$$y = f(x) \ (x \neq a)$$

$$\lim_{x\to a-} f(x) = \beta$$



$$y = f(x) \ (x \neq a)$$

$$\lim_{x\to a+} f(x) = \alpha$$

$$\lim_{x\to a-} f(x) = \beta$$

Github:

https://min7014.github.io/math20200906001.html

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