미분가능 함수 상의 한 점에서 접선과 법선
(Tangents and Normals at a Point on the Differential Function)

Tangents and Normals at a Point on the Differential Function

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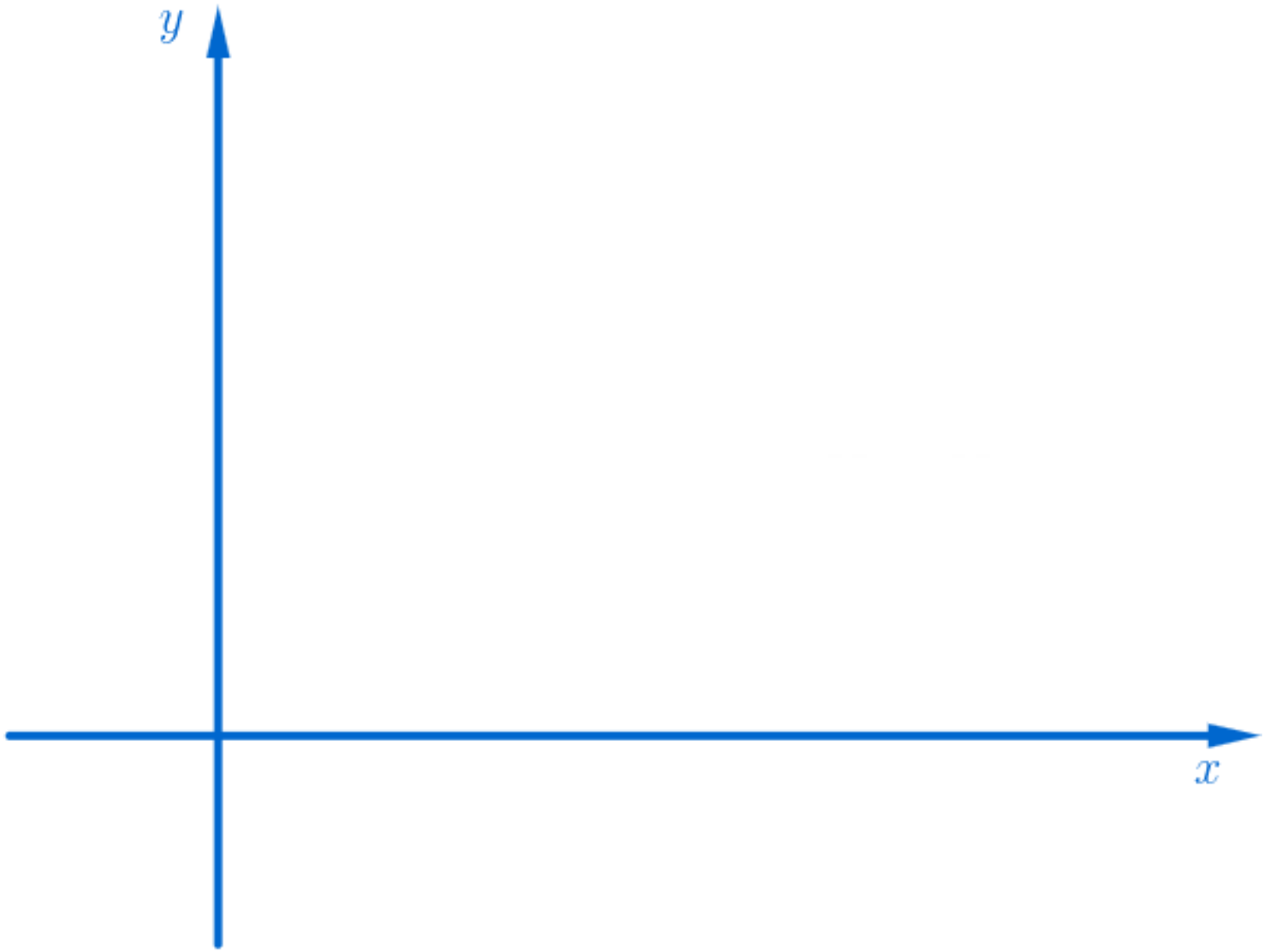

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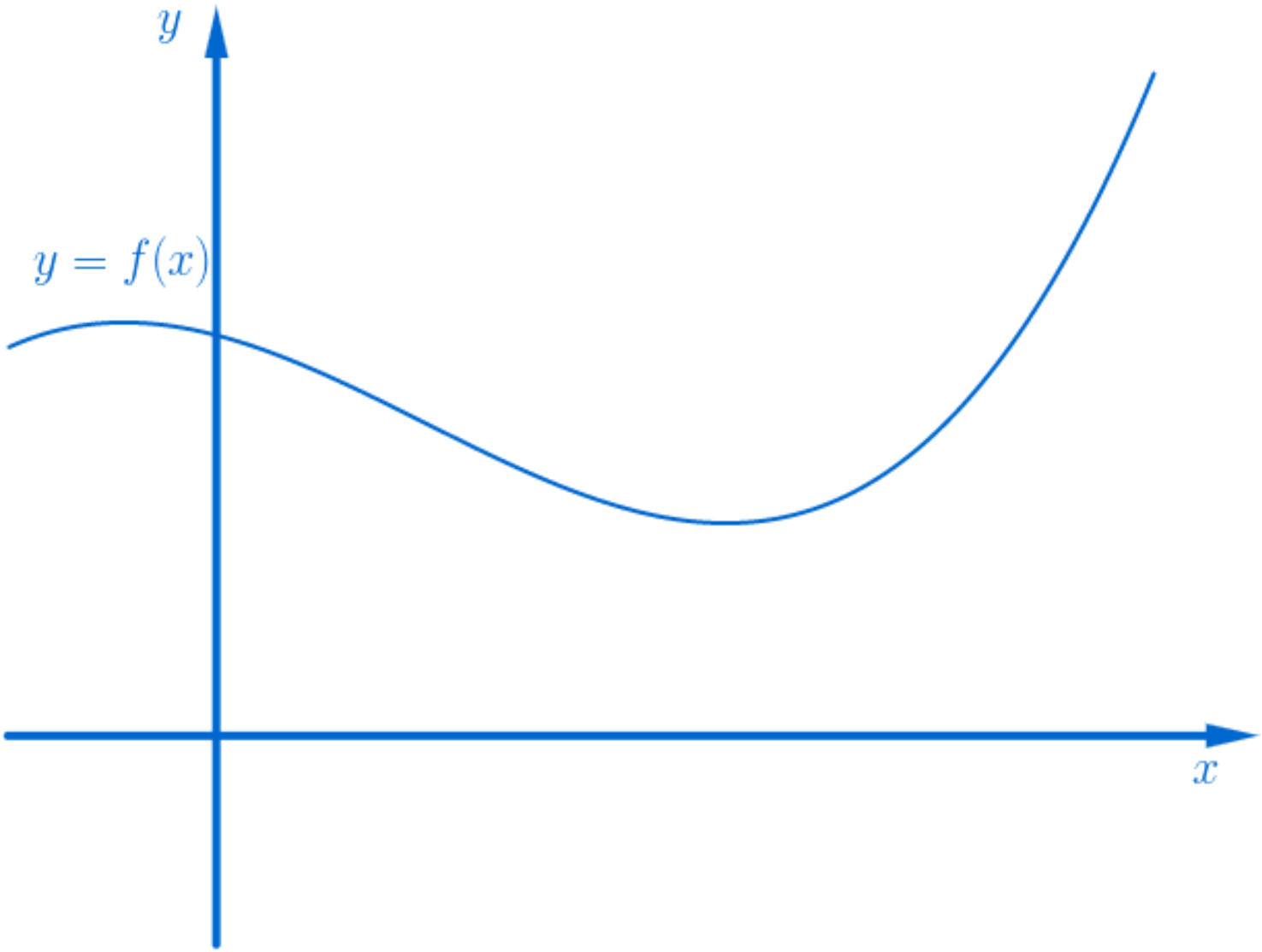

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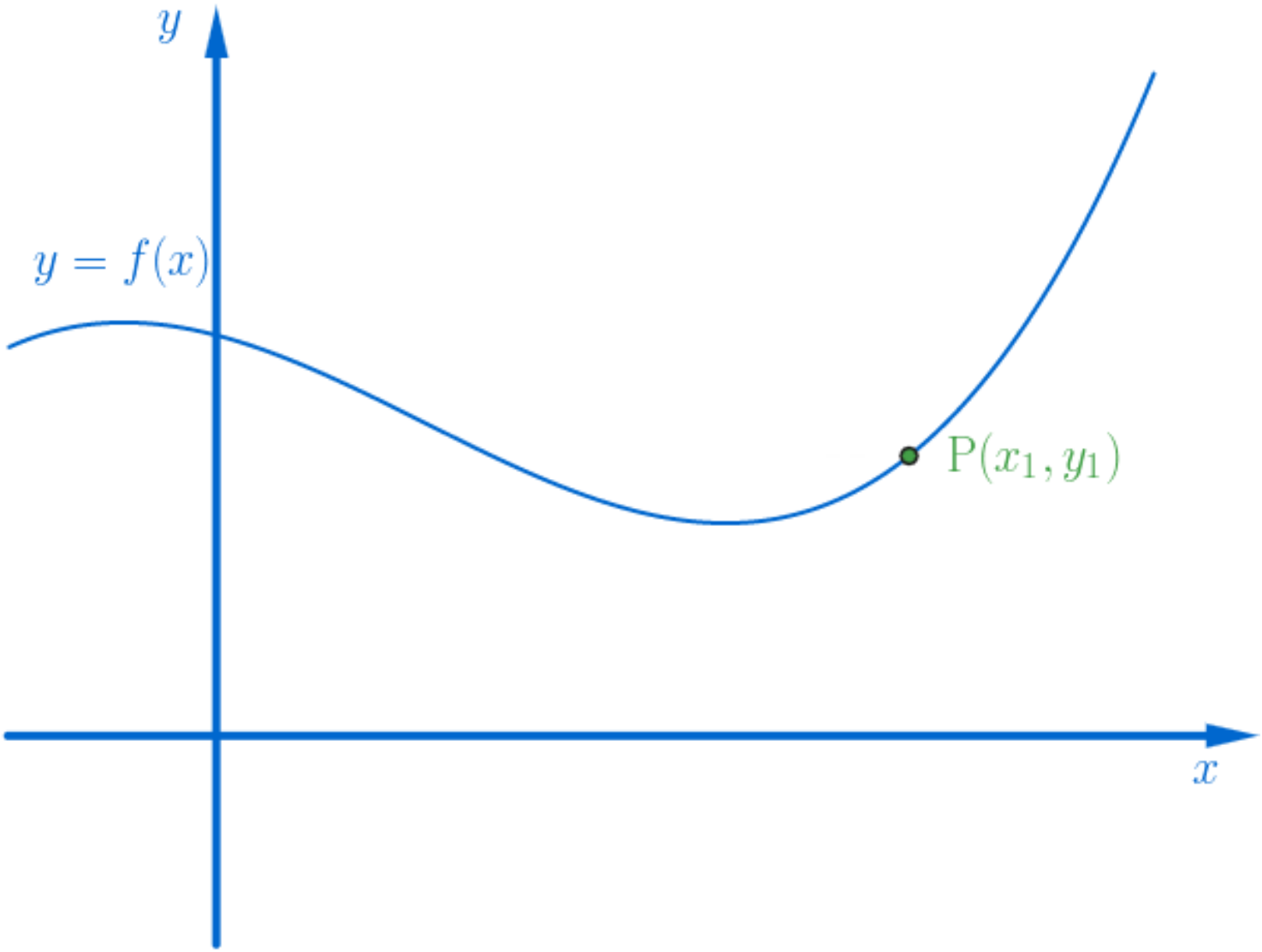

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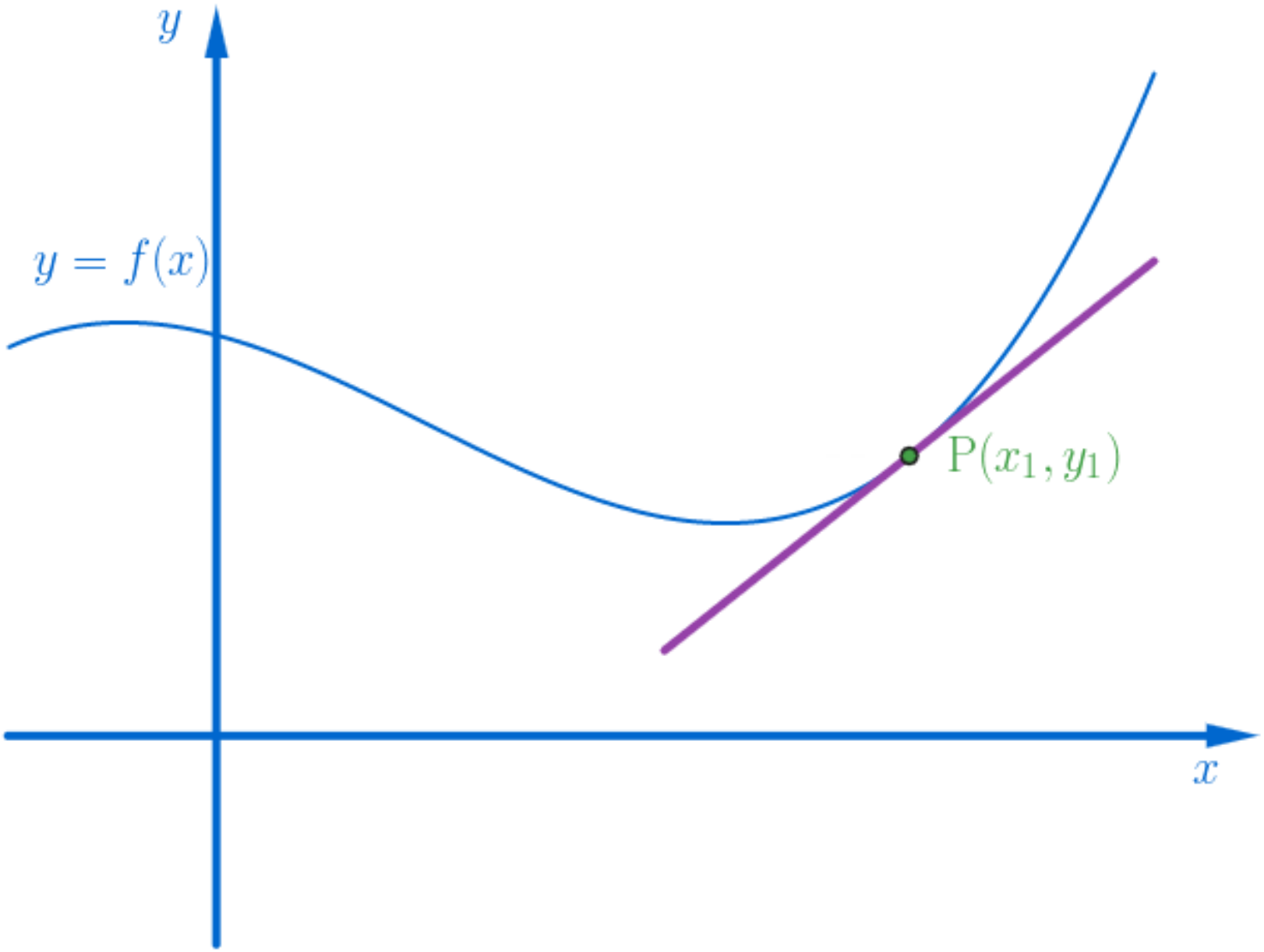

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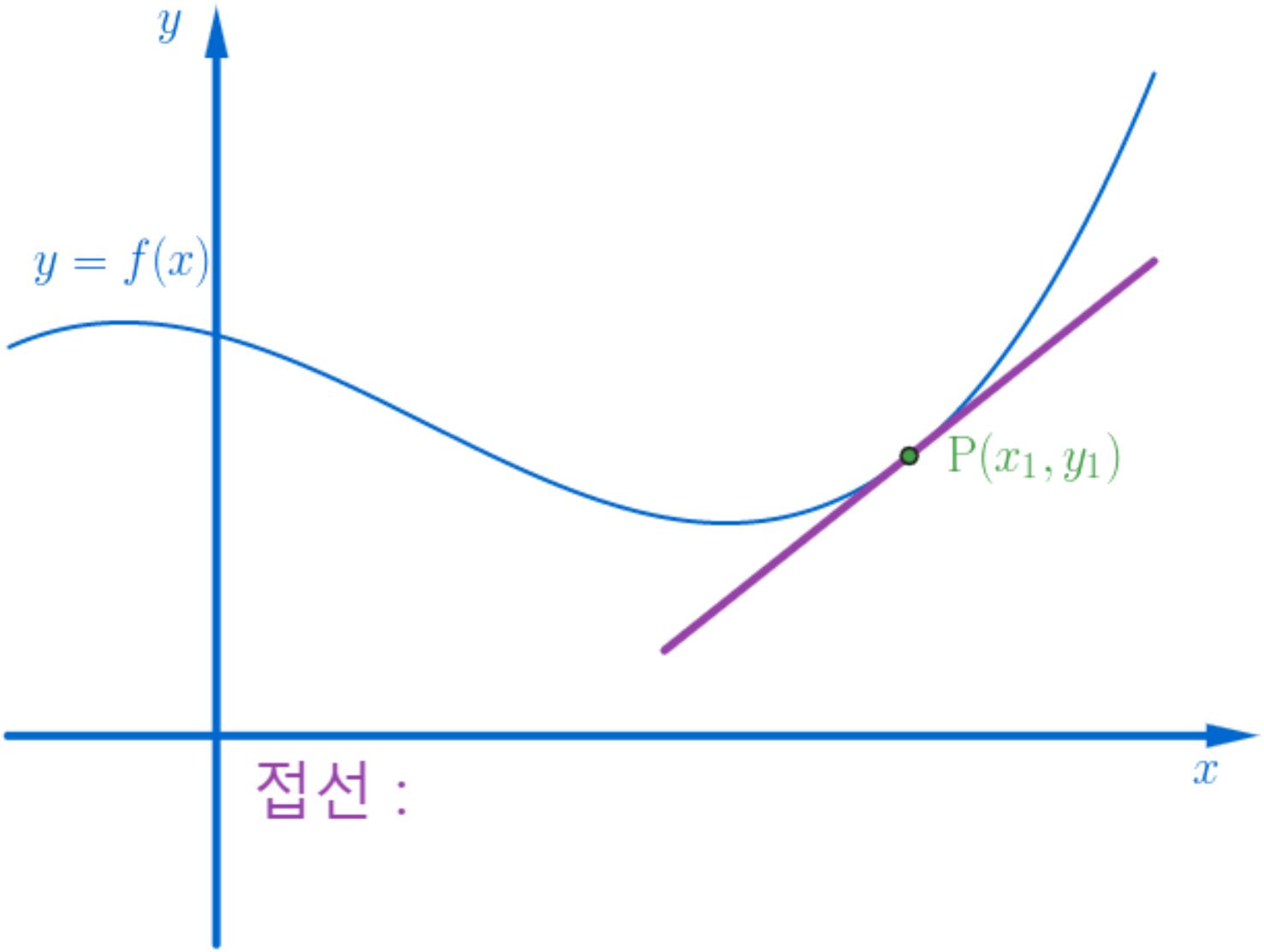

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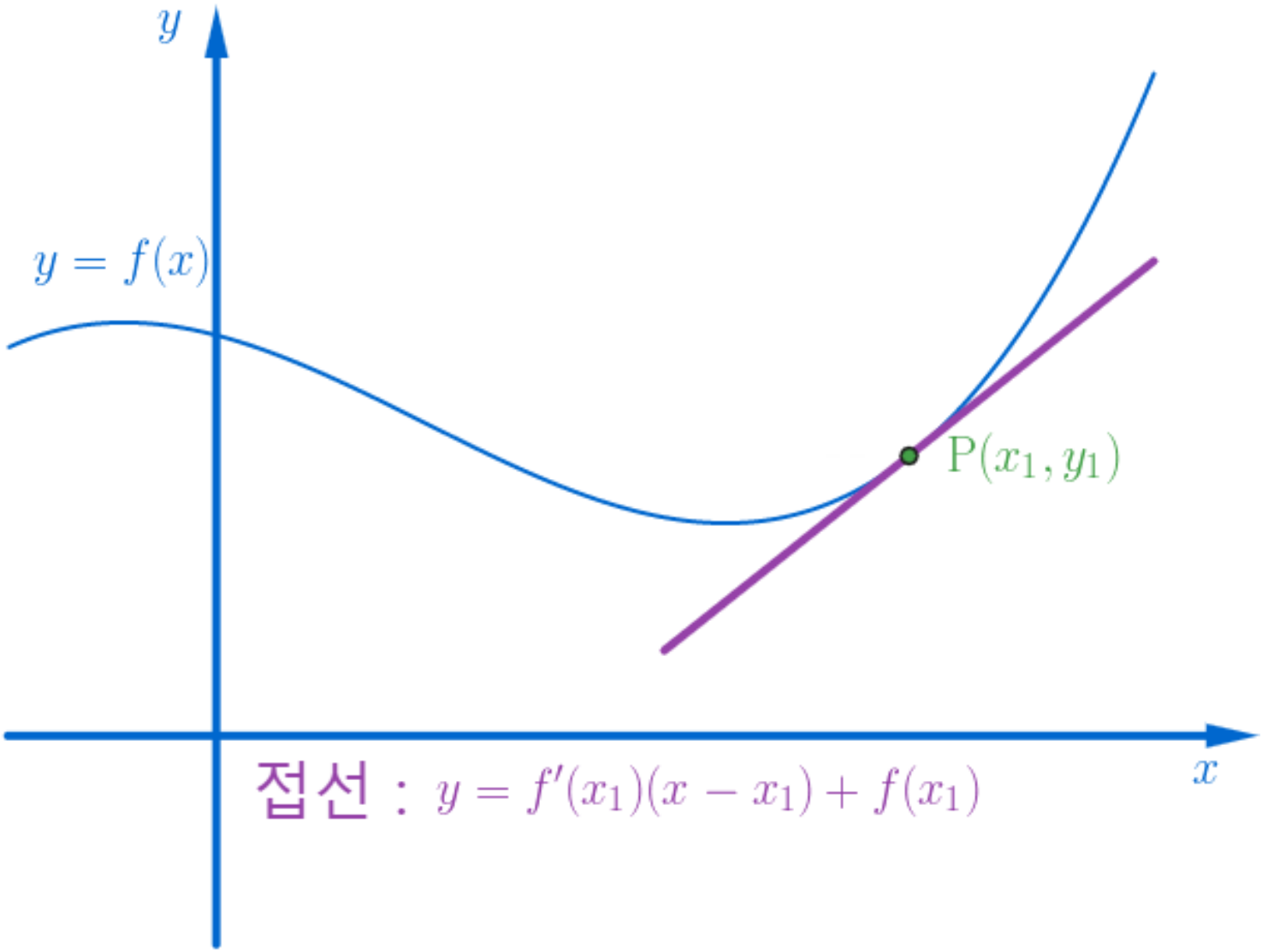

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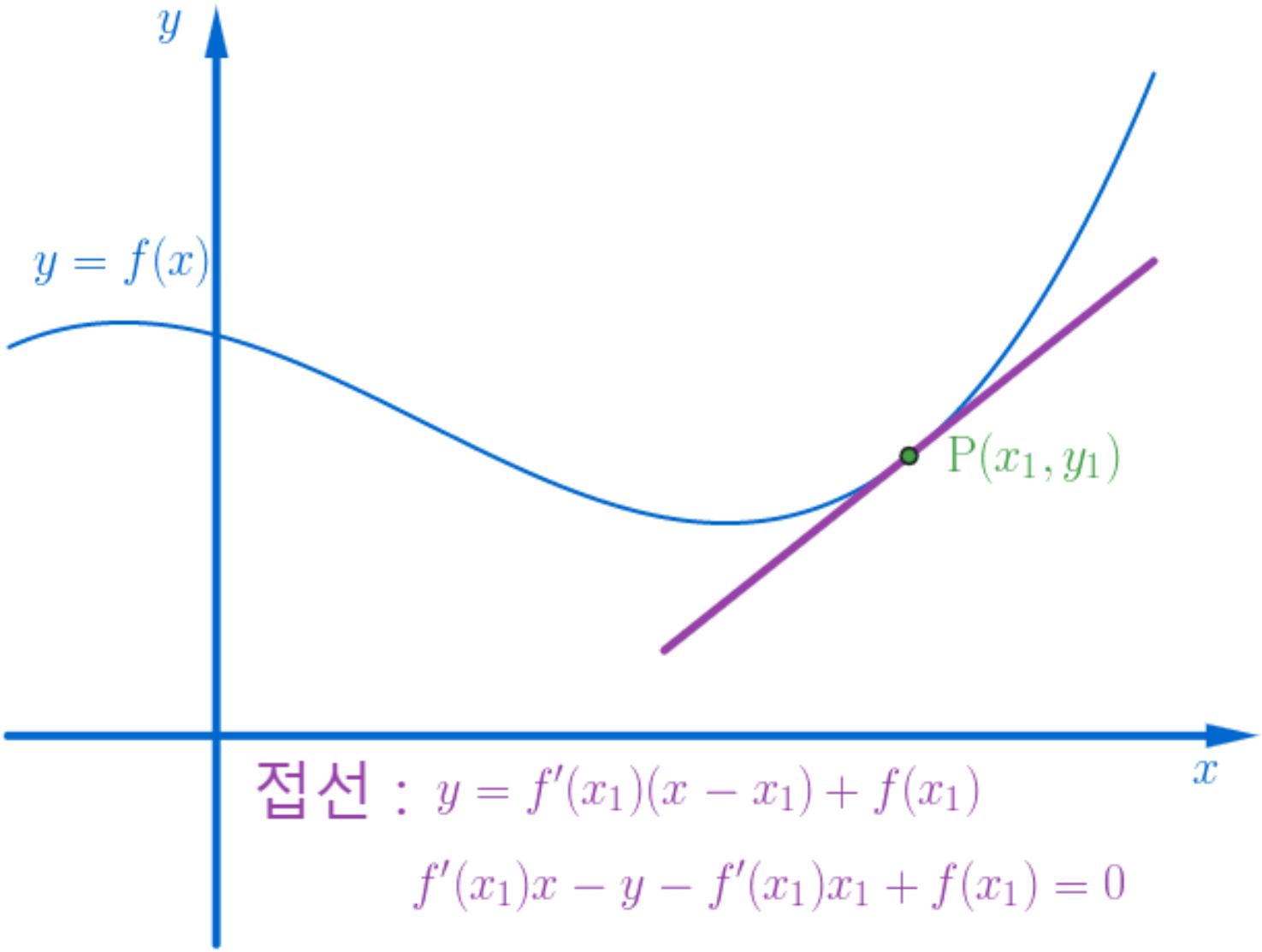

접선 : $y = f'(x_1)(x - x_1) + f(x_1)$

$$f'(x_1)x - y - f'(x_1)x_1 + f(x_1) = 0$$

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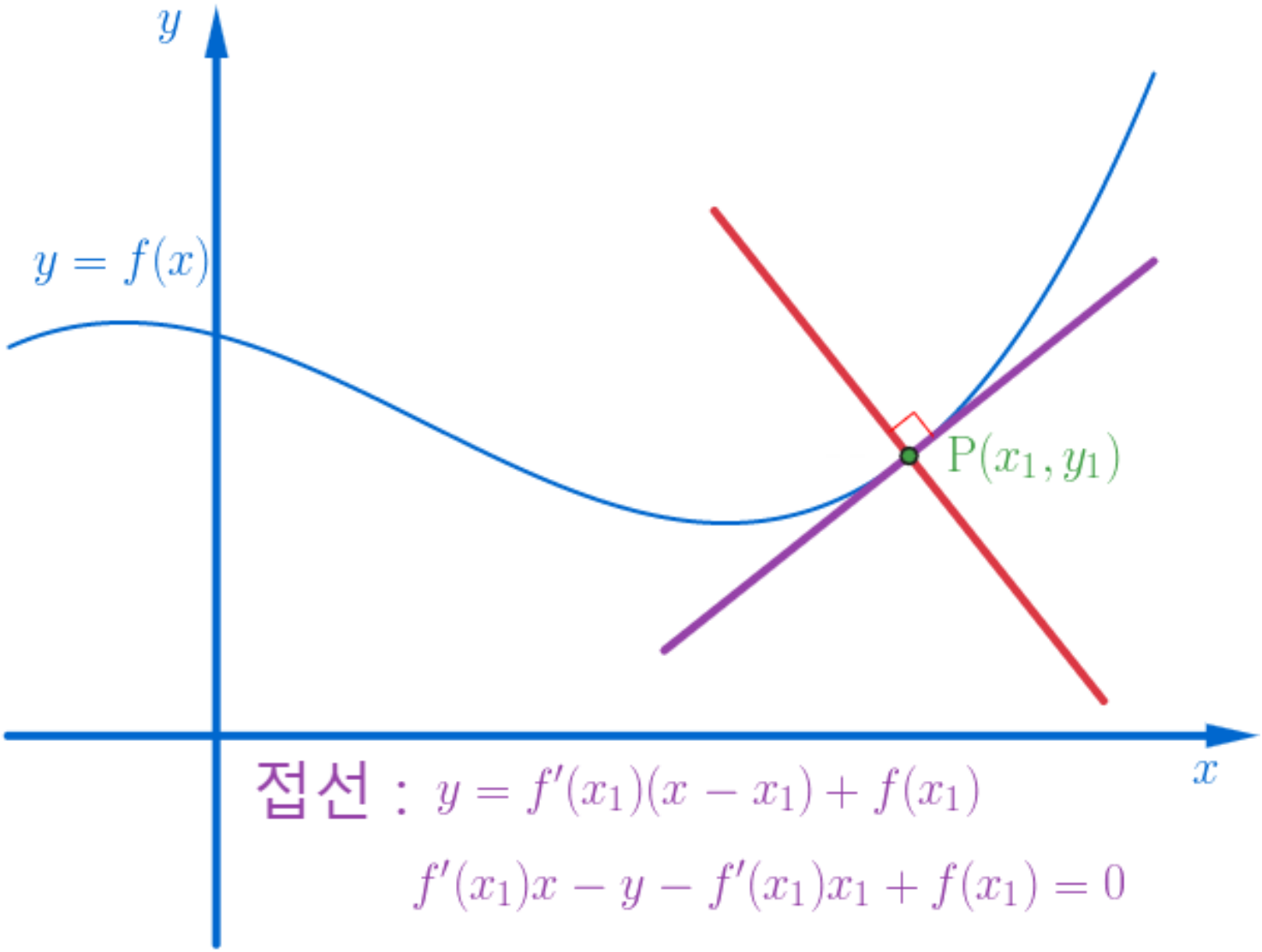

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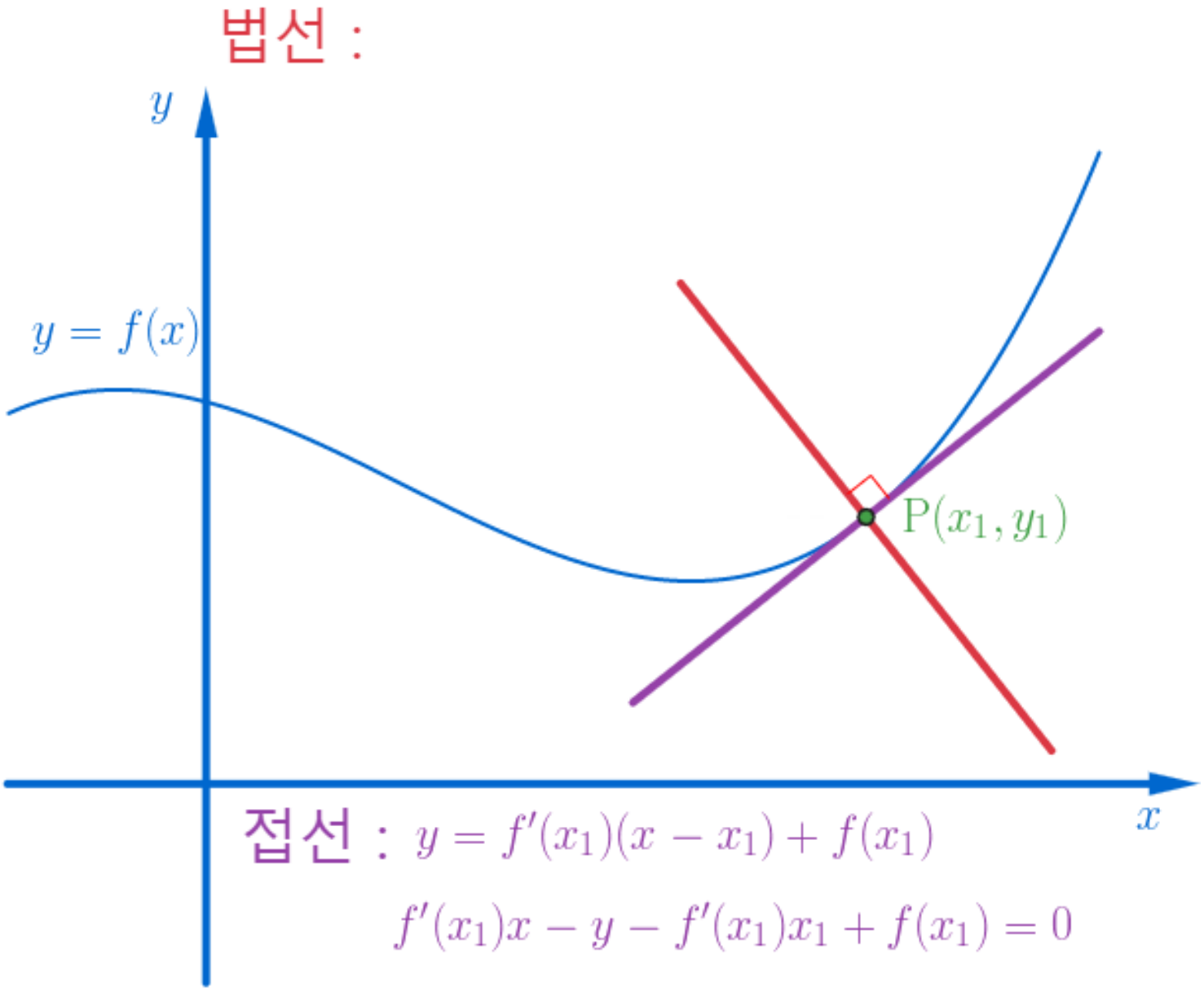
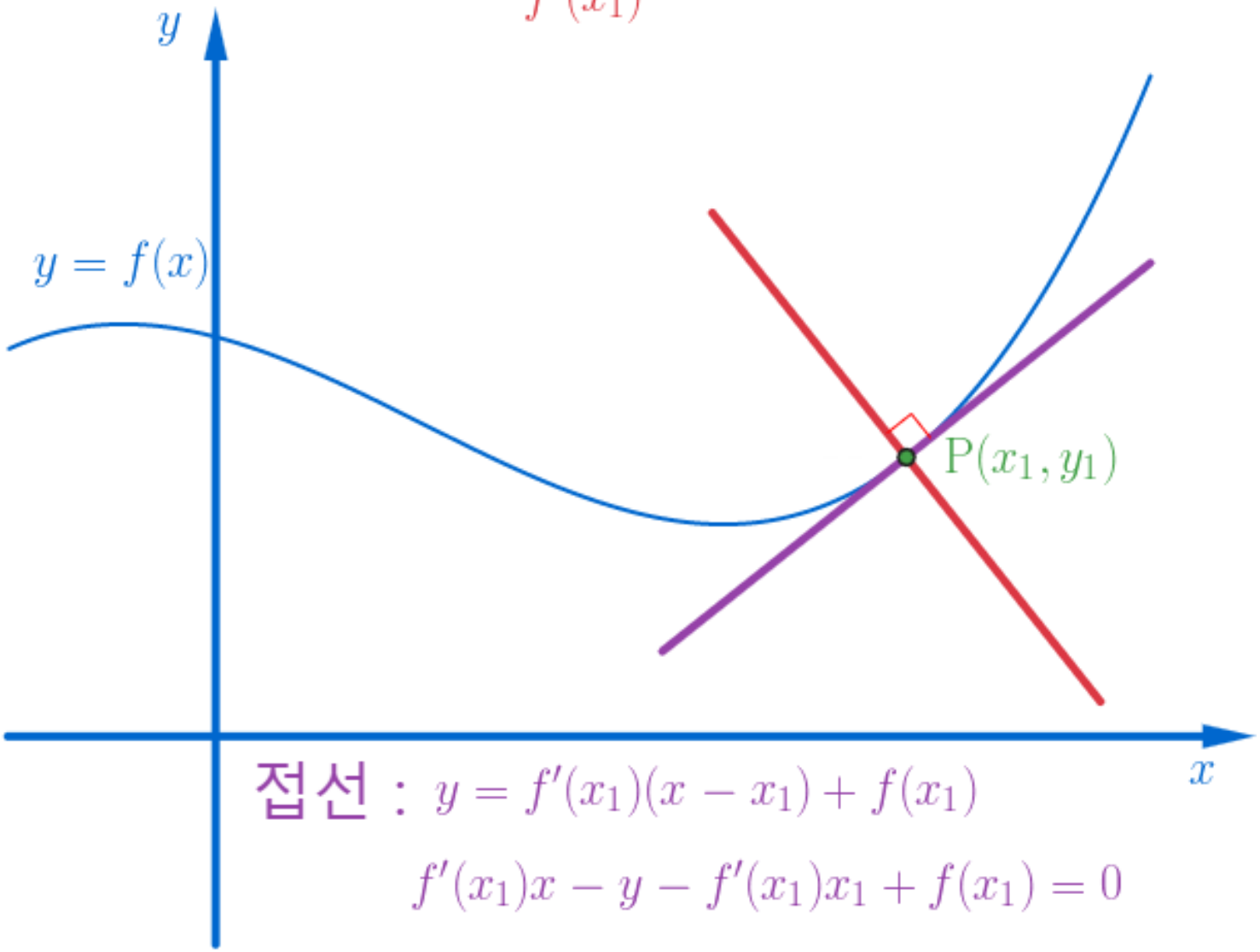

법선 :
y
y = f(x)
P(x1, y1)
x
접선 : y = f′(x1)(x − x1) + f(x1)
f′(x1)x − y − f′(x1)x1 + f(x1) = 0

Tangents and Normals at a Point on the Differential Function

법선 : $y = -\frac{1}{f'(x_1)}(x - x_1) + f(x_1) \quad (f'(x) \neq 0)$



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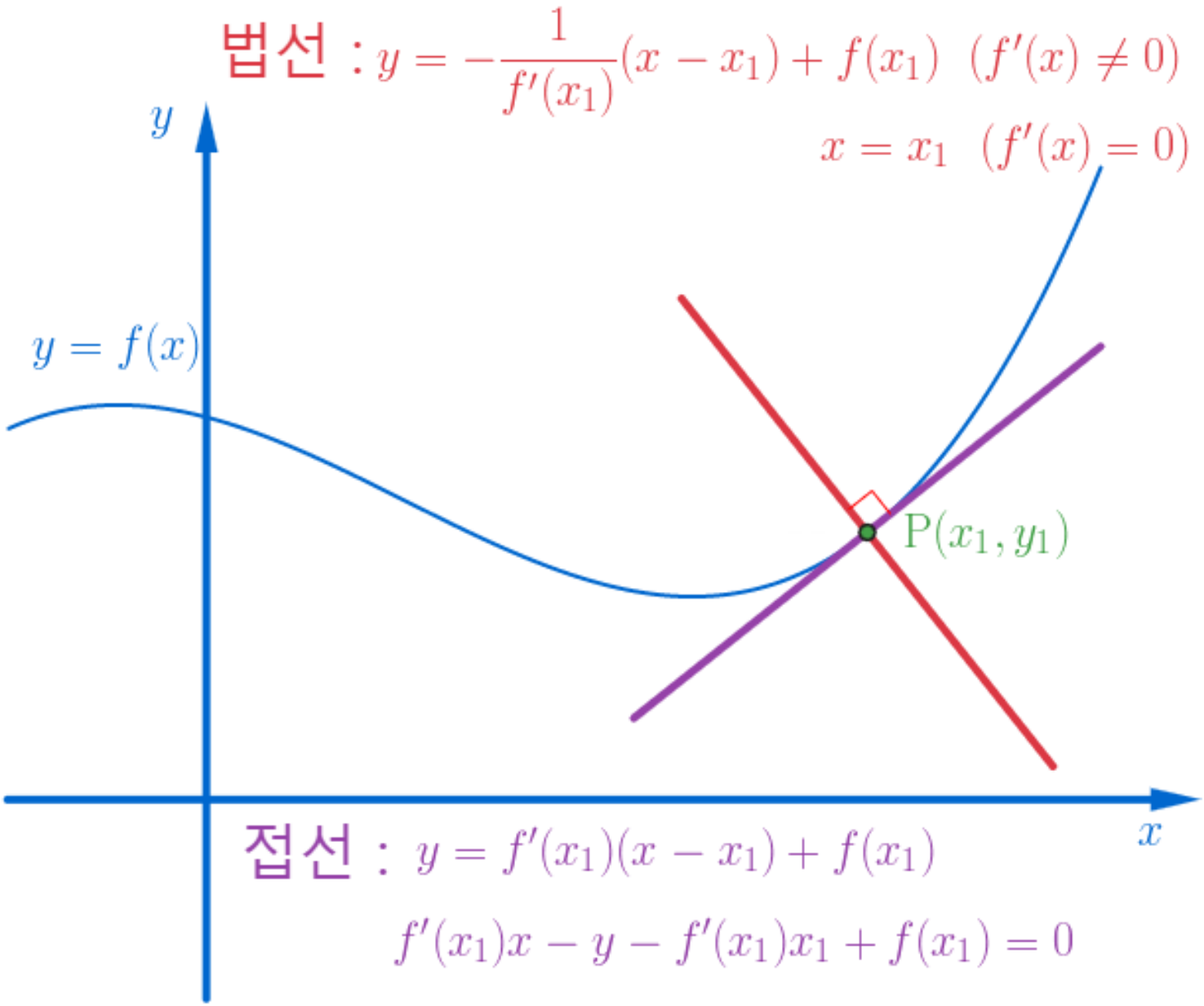

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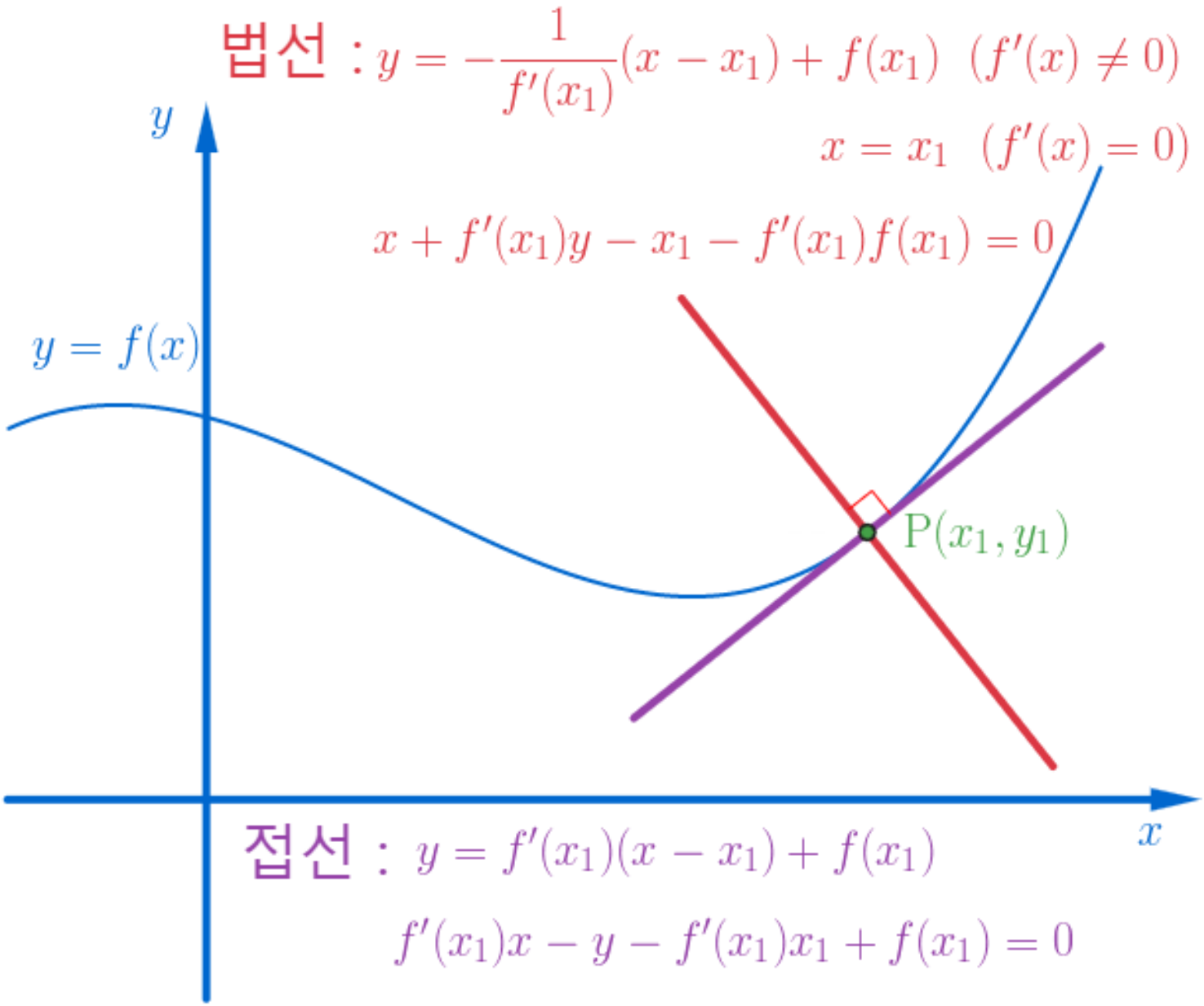

AlgegoMath: http://me2.do/5oOwQVtM
YouTube: https://youtu.be/6kepWevEgpM

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