

$f(x, y) = 0$ 의 $x = a$ 에 대칭이동
(Reflection about $x = a$ of $f(x, y) = 0$)

Reflection about $x = a$ of $f(x, y) = 0$

▶ Start

▶ End

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▶ End

$x = a$



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▶ Start

▶ End

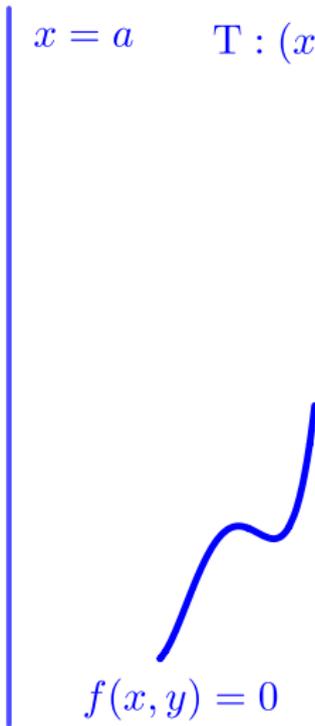
$$x = a \quad T : (x, y) \rightarrow (2a - x, y)$$

Reflection about $x = a$ of $f(x, y) = 0$

▶ Start

▶ End

$$x = a \quad T : (x, y) \rightarrow (2a - x, y)$$

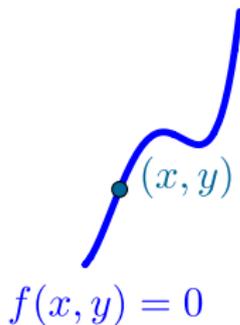

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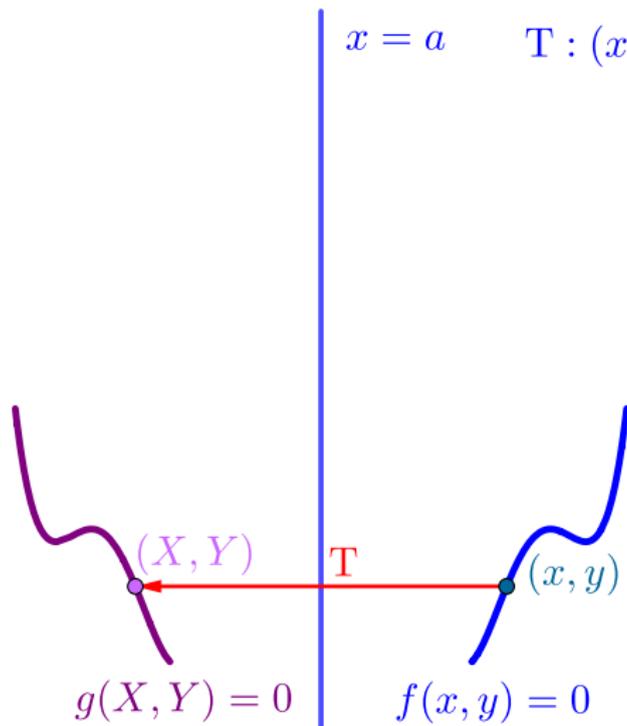
$$x = a \quad T : (x, y) \rightarrow (2a - x, y)$$



Reflection about $x = a$ of $f(x, y) = 0$

▶ Start

▶ End



$$X = 2a - x, \quad Y = y$$

$$x = 2a - X, \quad y = Y$$

$$f(x, y) = f(2a - X, Y)$$

Github:

<https://min7014.github.io/math20211026001.html>

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