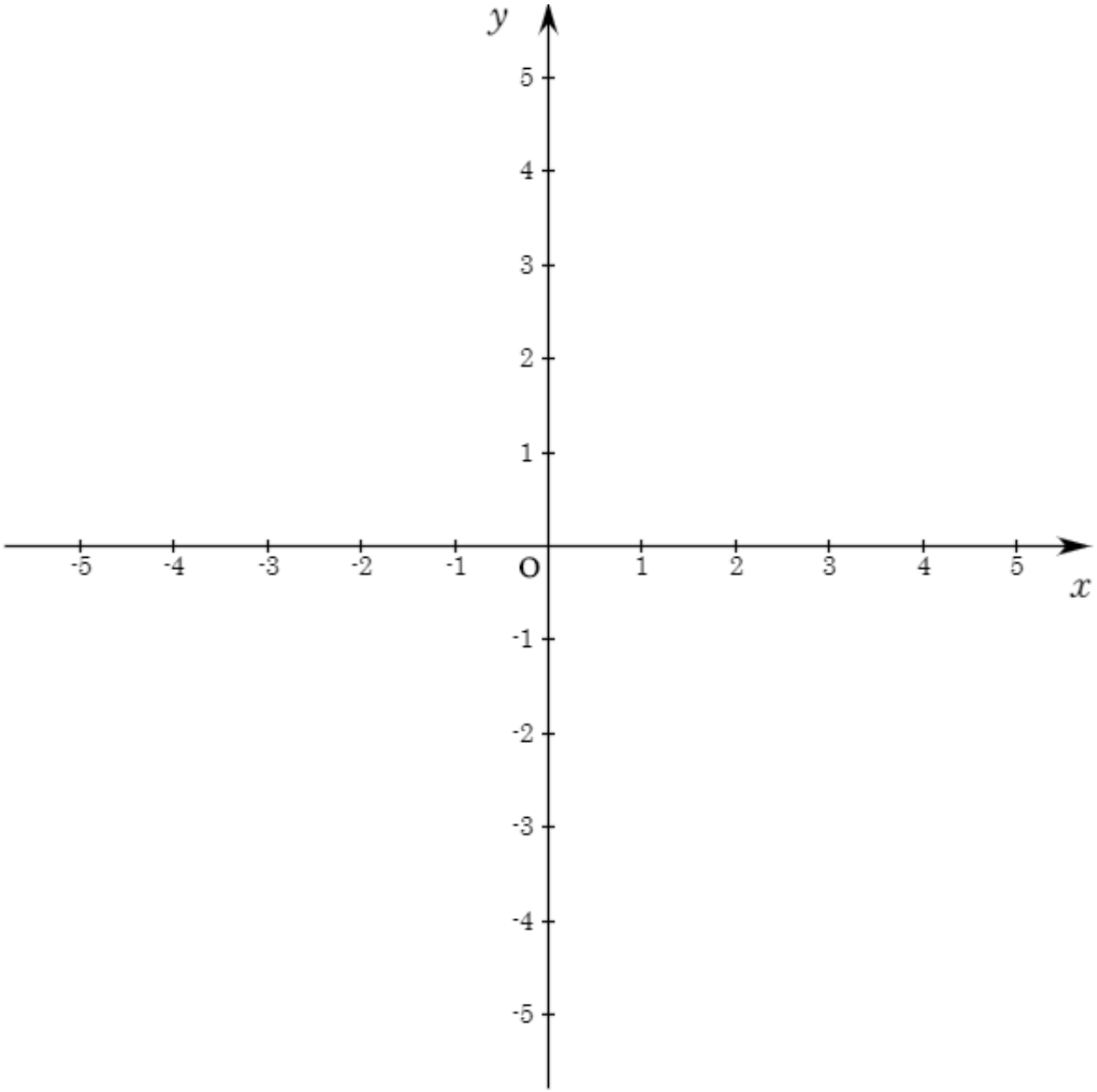
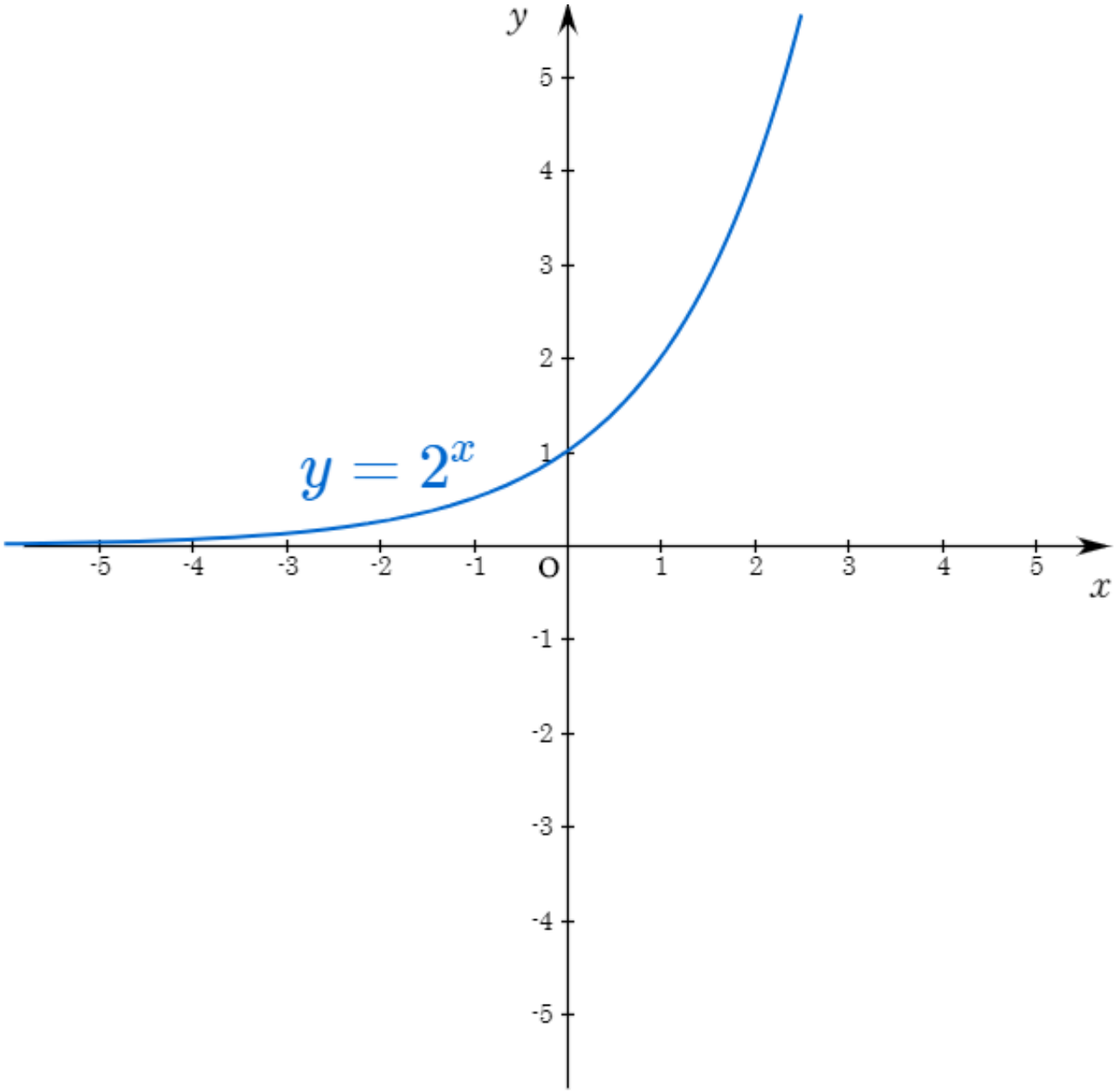
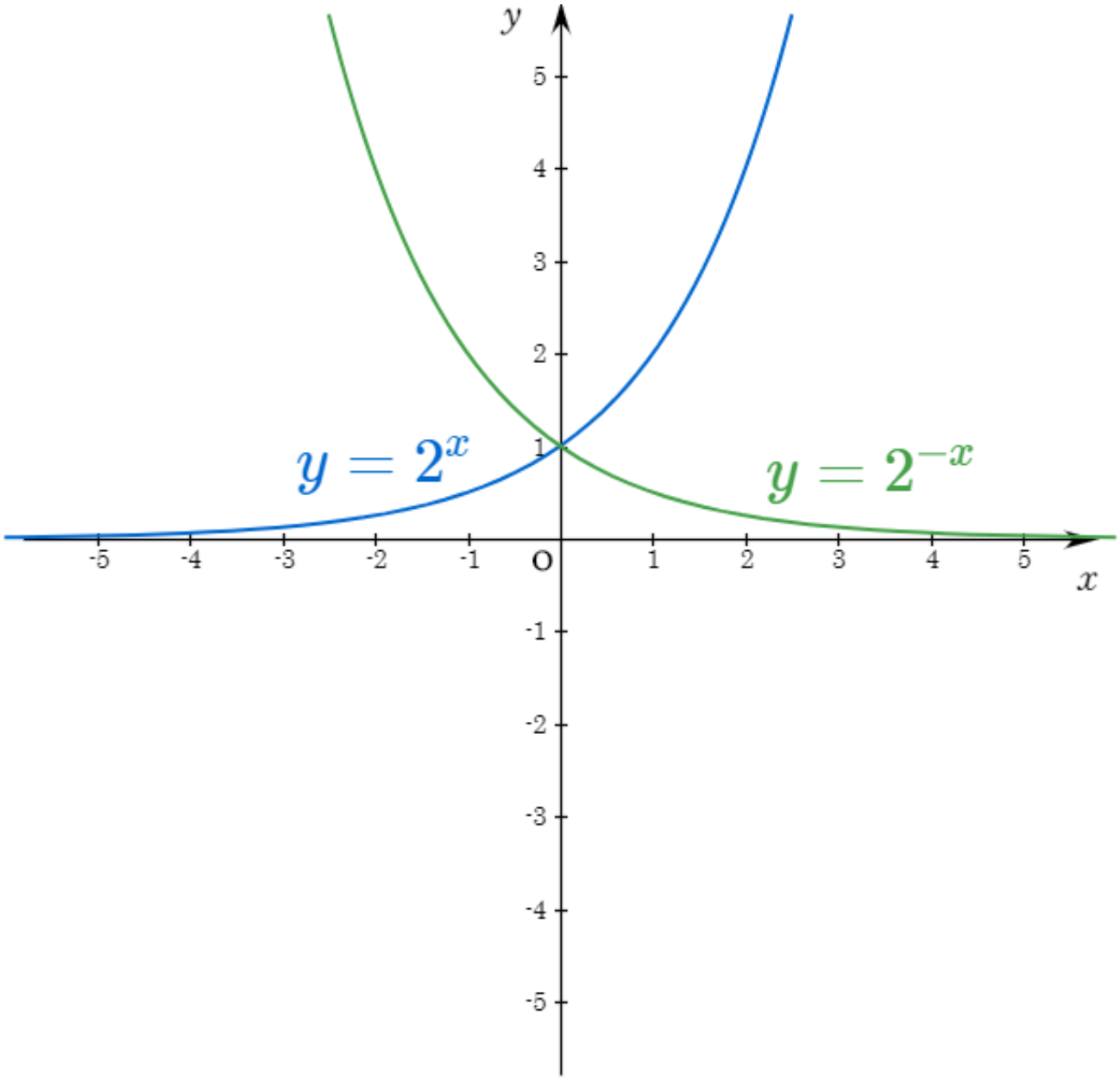
$$y = 2^{-x} \text{ v.s. } y = -2^{x}$$

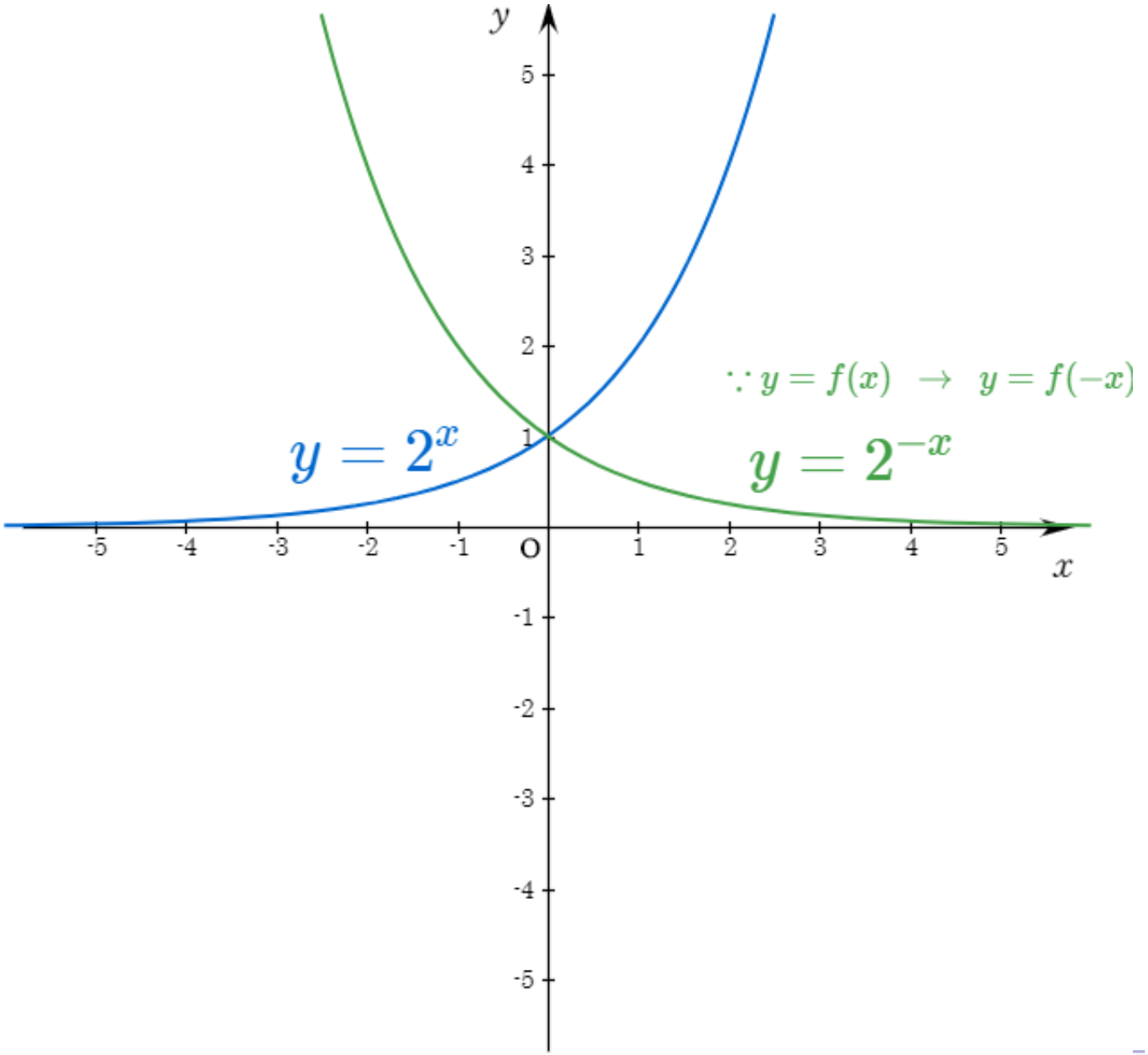
$y = 2^{-x}$ v.s. $y = -2^{x}$




y
x
O
$y = 2^x$
-5
-4
-3
-2
-1
1
2
3
4
5

$y = 2^{-x}$ v.s. $y = -2^{x}$




y
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-2
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1
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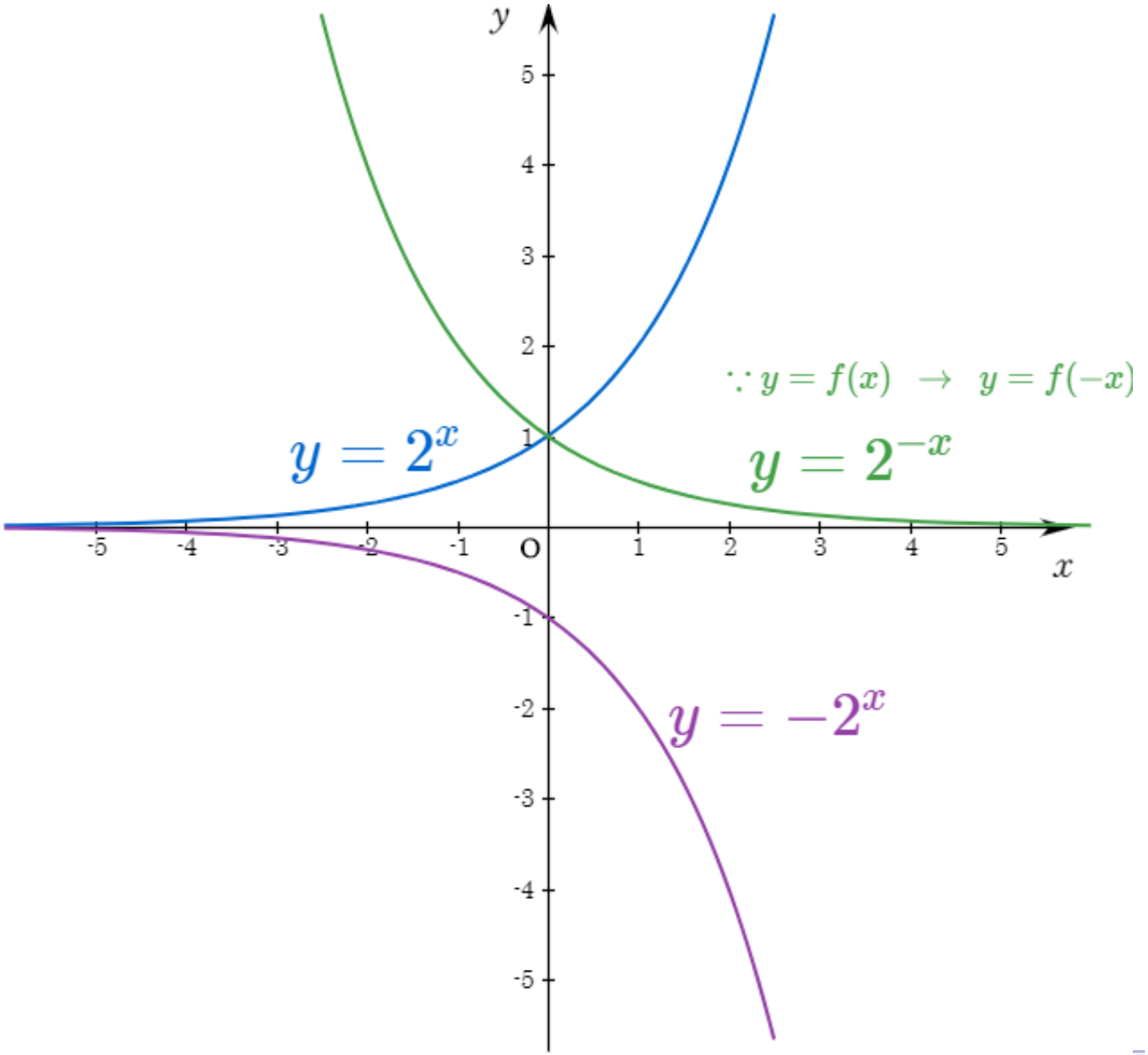
4
5
$y = 2^{x}$
$\because y = f(x) \rightarrow y = f(-x)$
$y = 2^{-x}$

$y = 2^{-x}$ v.s. $y = -2^{x}$


y
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1
2
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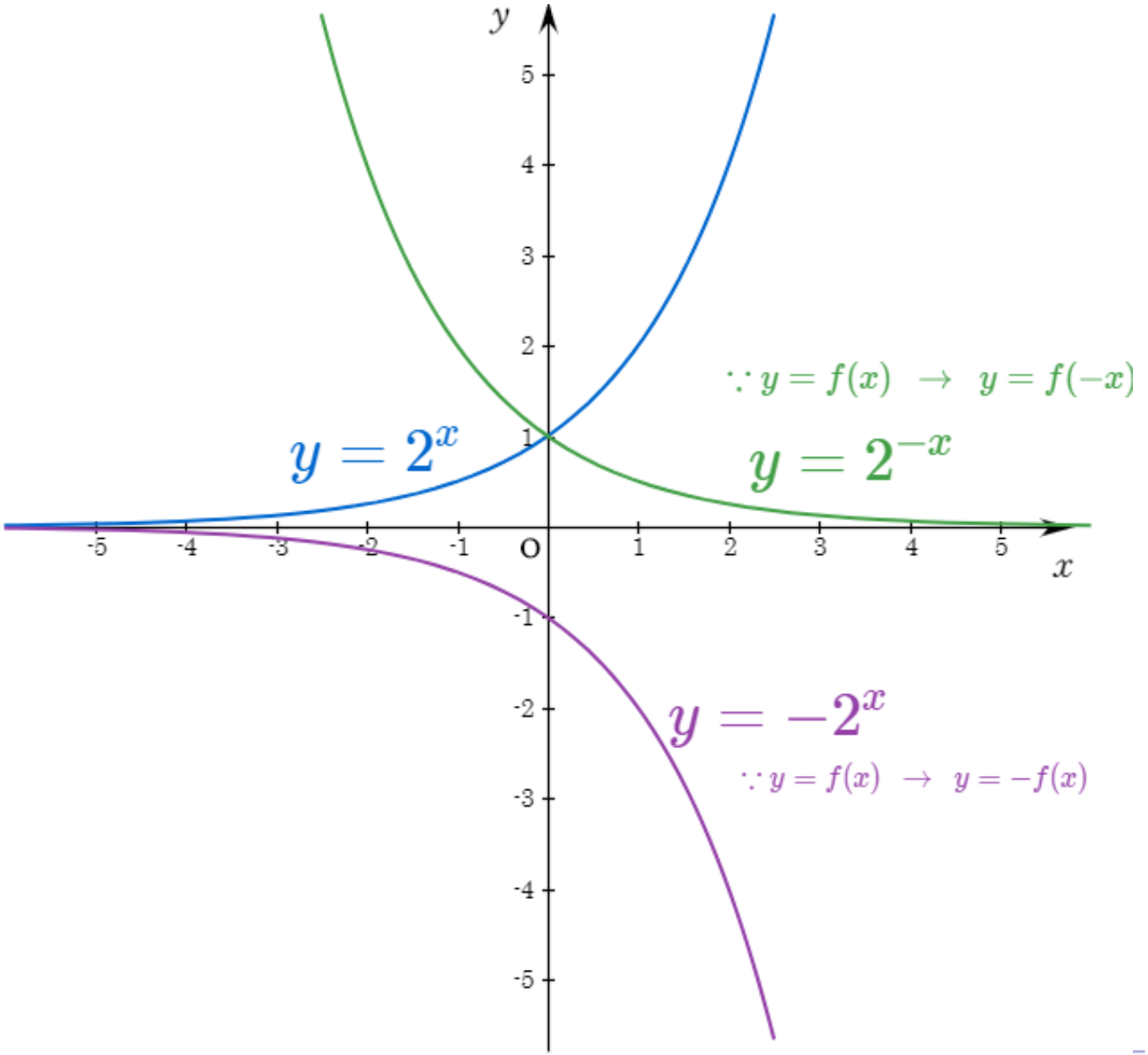
4
5
$\because y = f(x) \rightarrow y = f(-x)$
$y = 2^{x}$
$y = 2^{-x}$
$y = -2^{x}$

$y = 2^{-x}$ v.s. $y = -2^{x}$


y
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-5
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-4
-3
-2
-1
1
2
3
4
5
$y = 2^x$
$y = 2^{-x}$
$\because y = f(x) \rightarrow y = f(-x)$
$y = -2^x$
$\because y = f(x) \rightarrow y = -f(x)$

Github:
https://min7014.github.io/math20200305001.html

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