

삼각방정식의 일반해(\sin 의 주기를 기준으로)
(General solutions of trigonometric equations (based on period of
 \sin))

General solutions of trigonometric equations (based on period of sin)

▶ Start

▶ End

General solutions of trigonometric equations (based on period of sin)

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$$\sin x = a \text{ and } \sin \alpha = a \Rightarrow$$

General solutions of trigonometric equations (based on period of sin)

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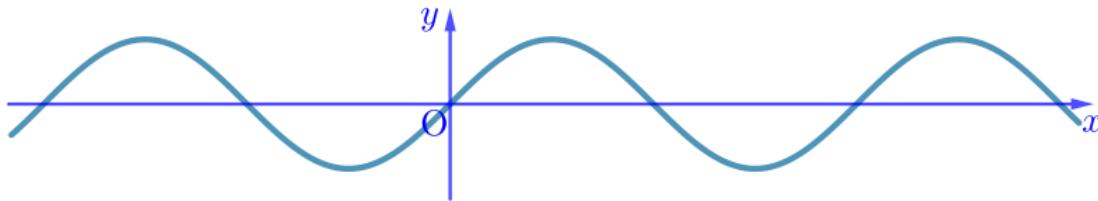
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$$\sin x = a \text{ and } \sin \alpha = a \Rightarrow$$

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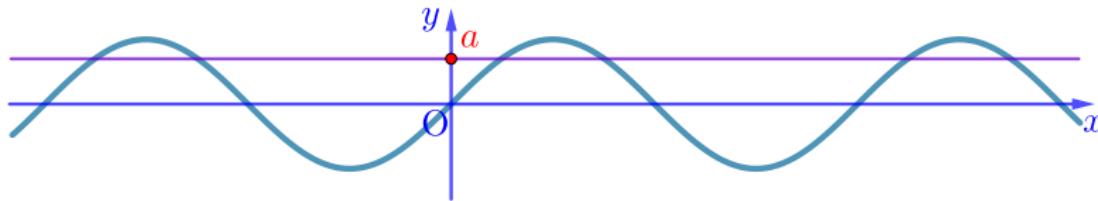


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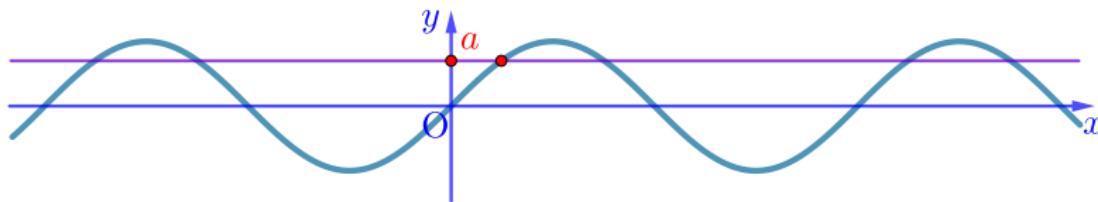
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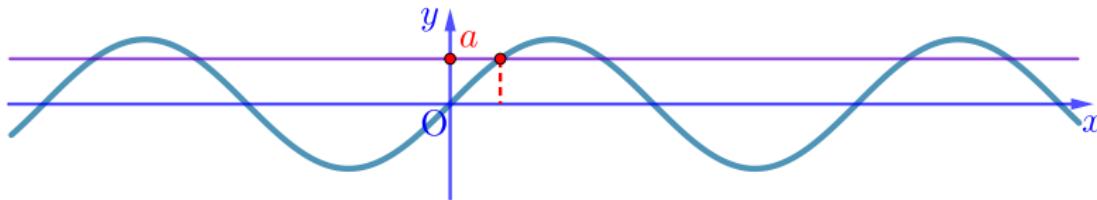
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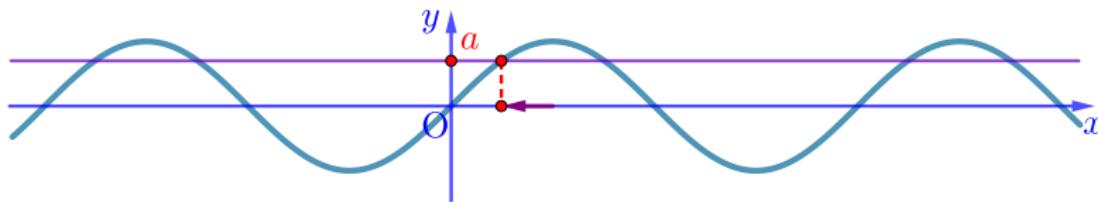
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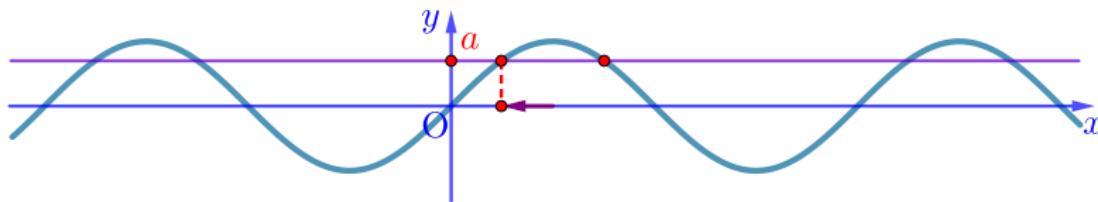
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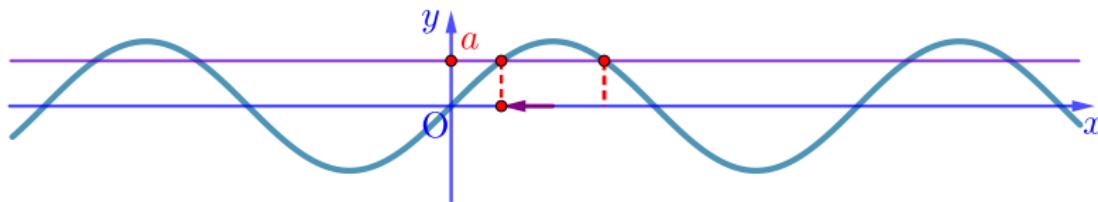
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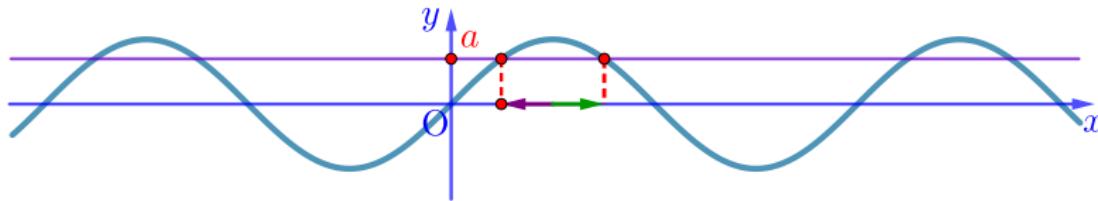
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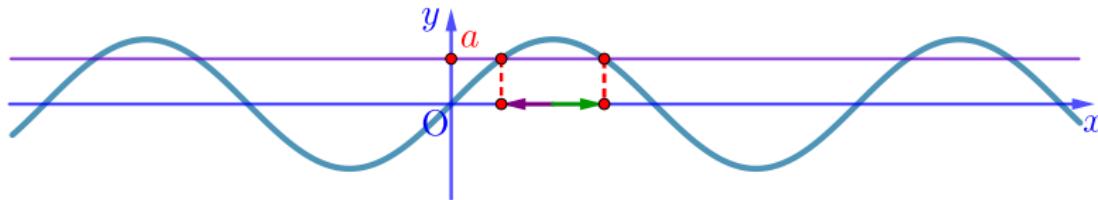
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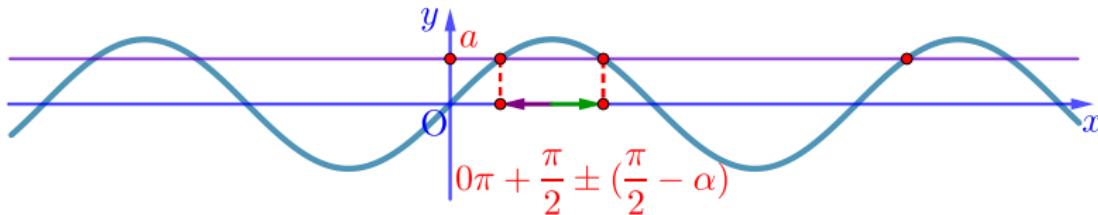
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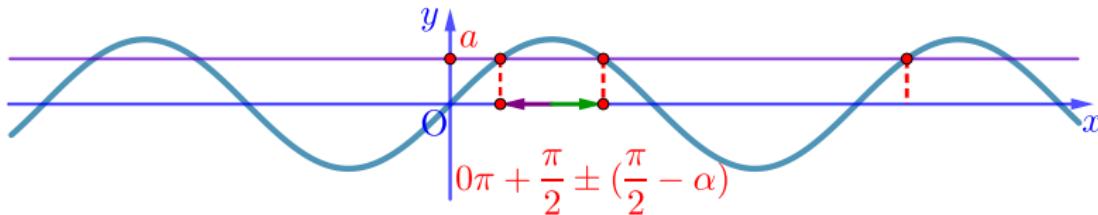
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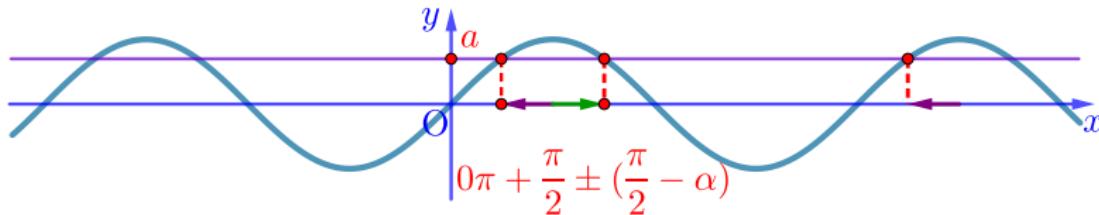
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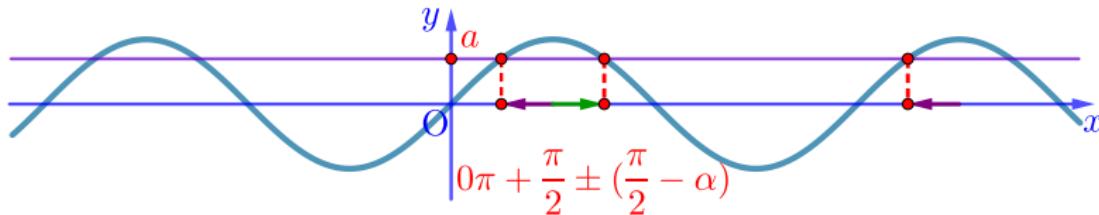
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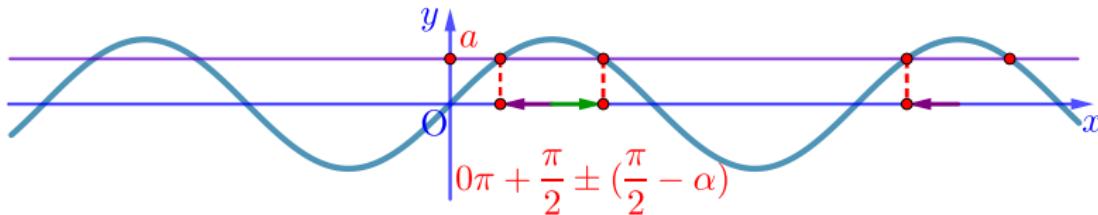
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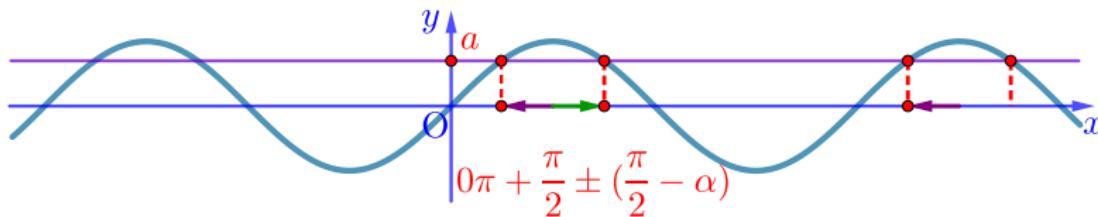
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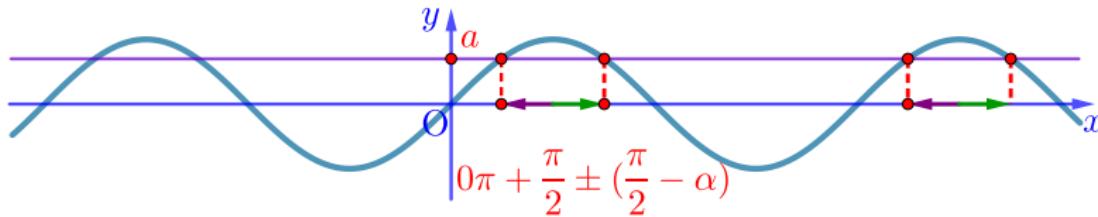
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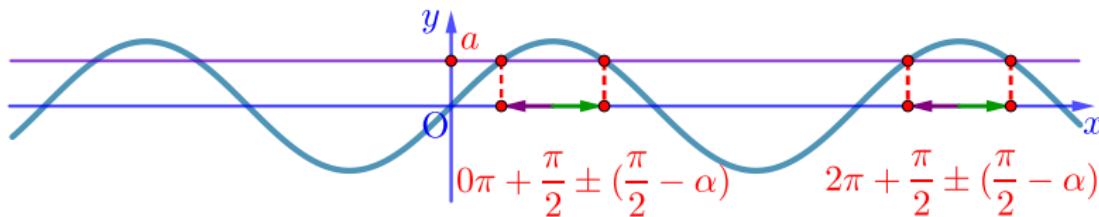
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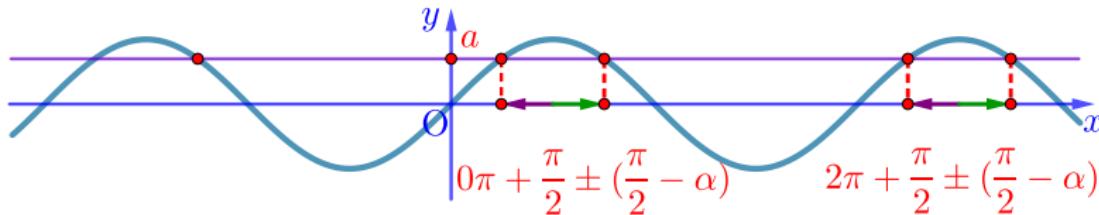
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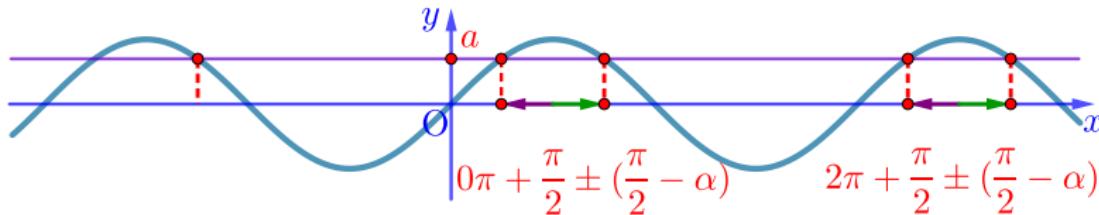
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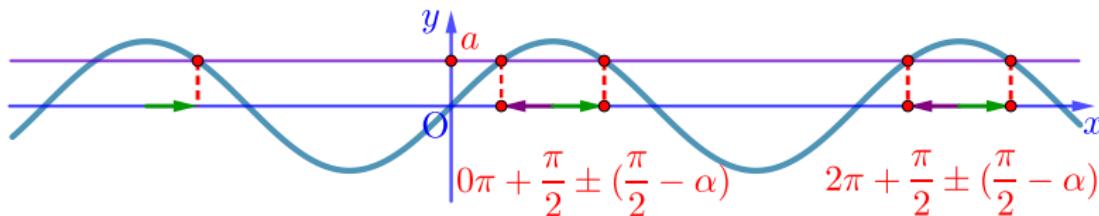
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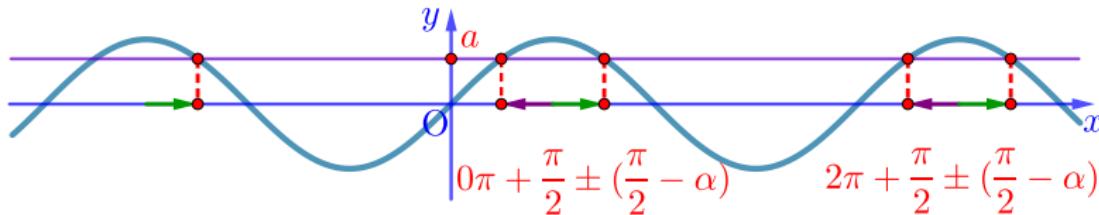
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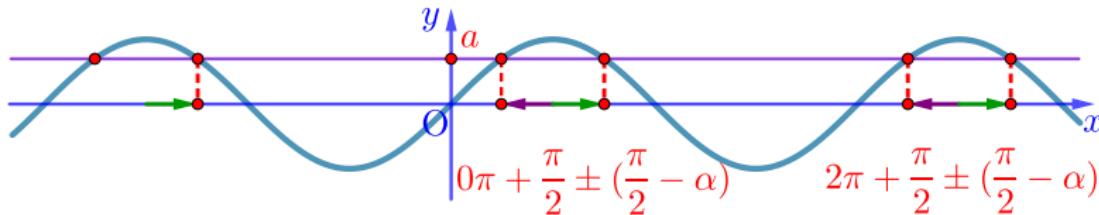
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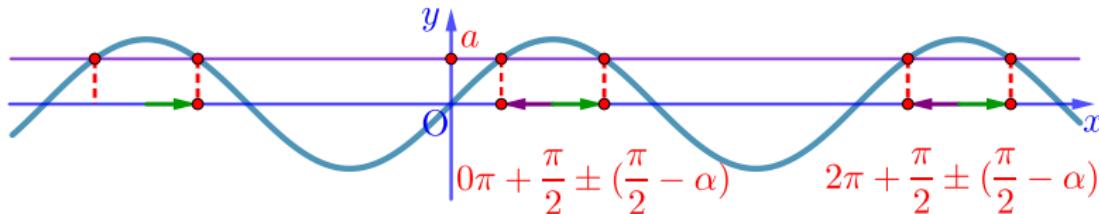
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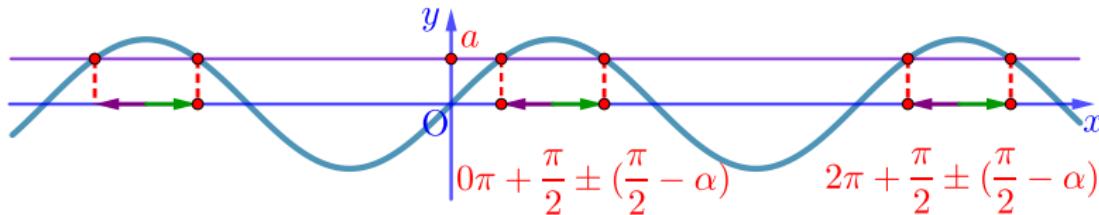
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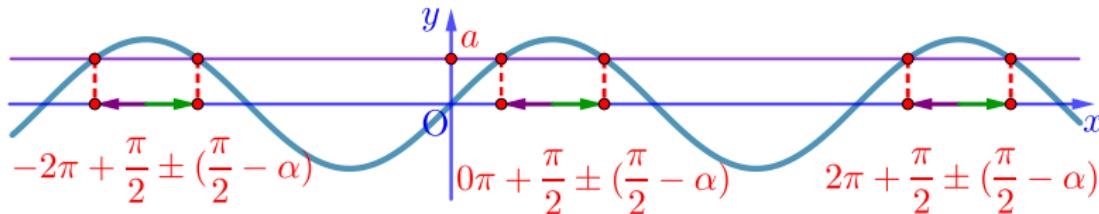
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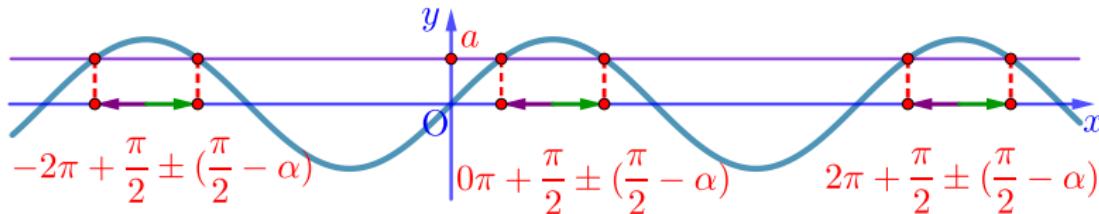
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$$y = \sin x$$

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$$\sin x = a \text{ and } \sin \alpha = a \Rightarrow x = 2n\pi + \frac{\pi}{2} \pm (\frac{\pi}{2} - \alpha) , n \in \mathbb{Z}$$

Github:

<https://min7014.github.io/math20230429001.html>

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and you can see a picture moving.