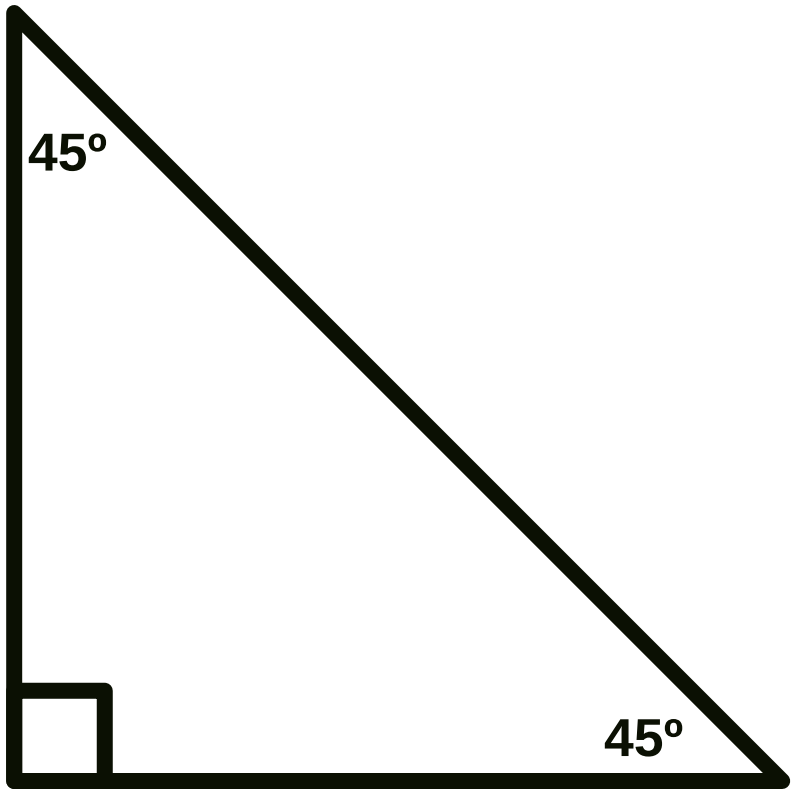
PRE-ALGEBRA 2

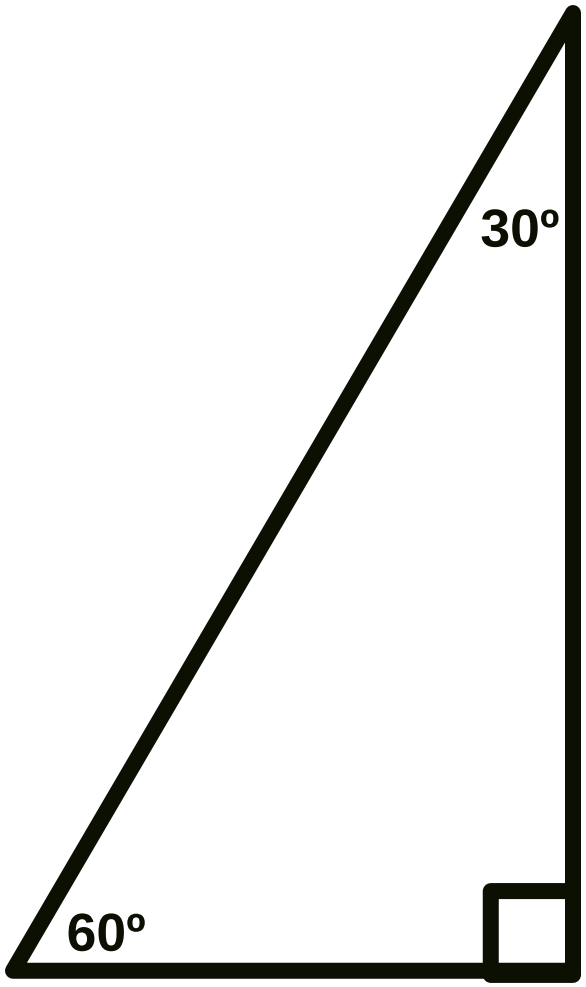
POINTS ON A UNIT CIRCLE & TRIGONOMETRY

Review: 45-45-90 Triangle

An Isosceles Right Triangle

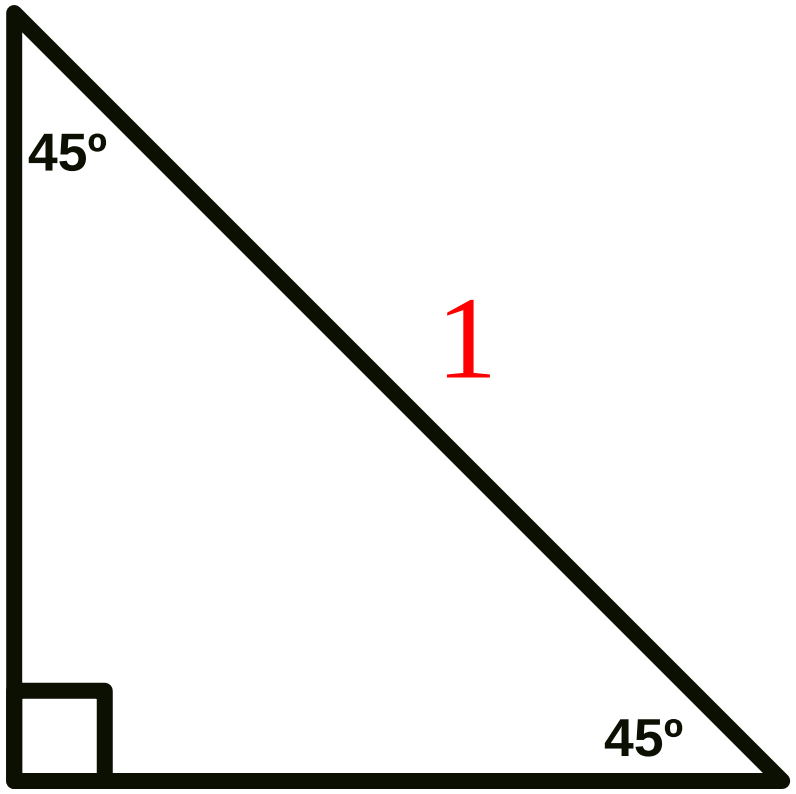


Review: 30-60-90 Triangle



Extension: 45-45-90 Triangle

Find the missing sides if the measure of the hypotenuse is 1.



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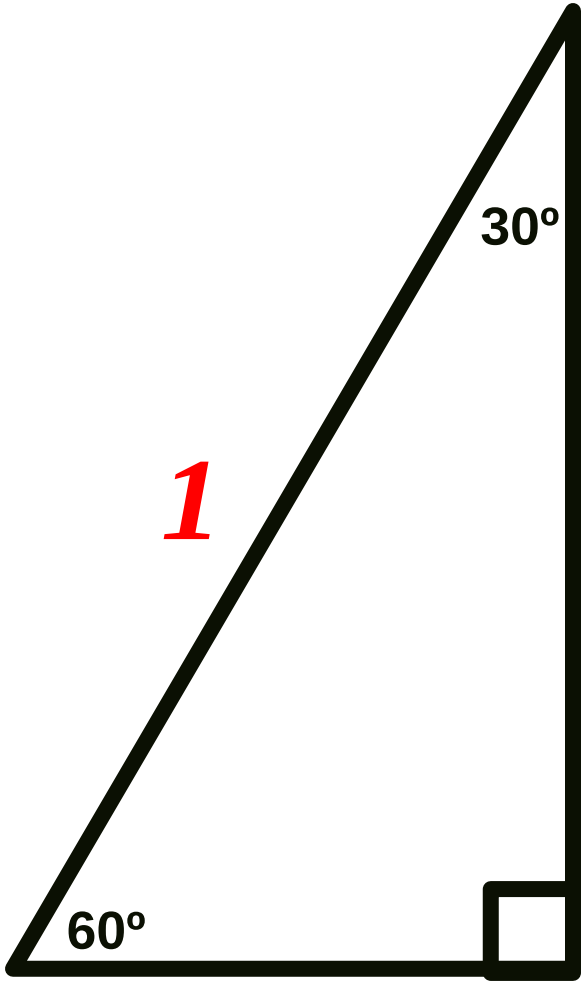

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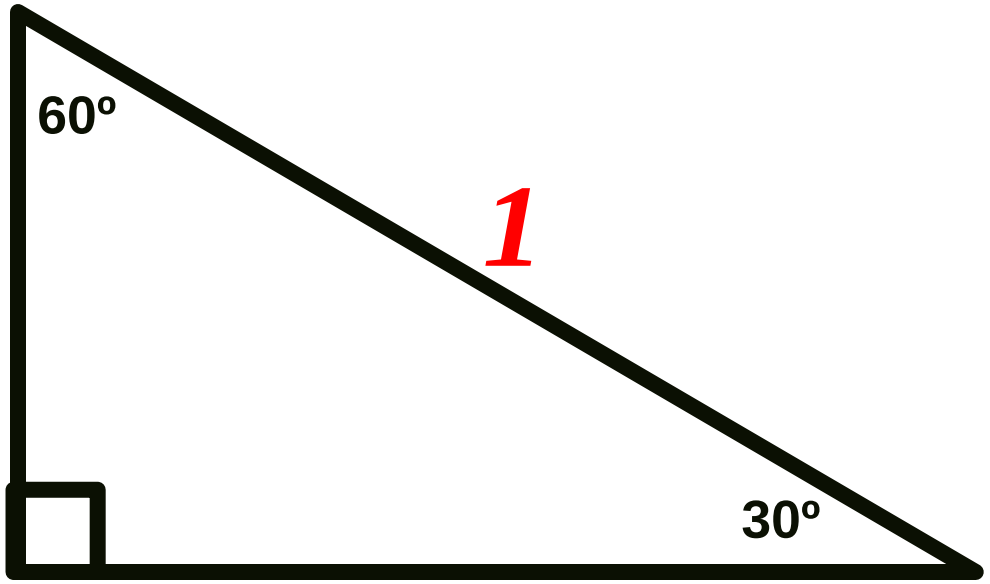
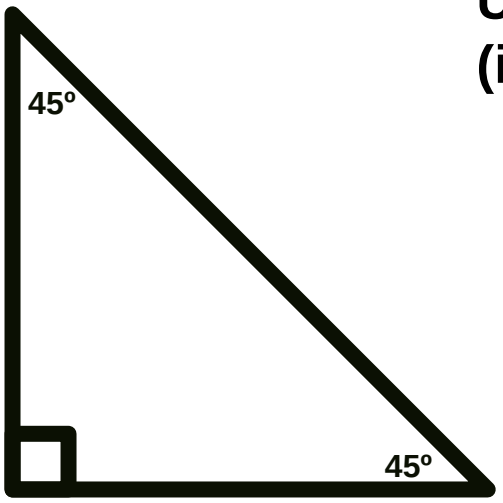


Review: Trig. Ratios



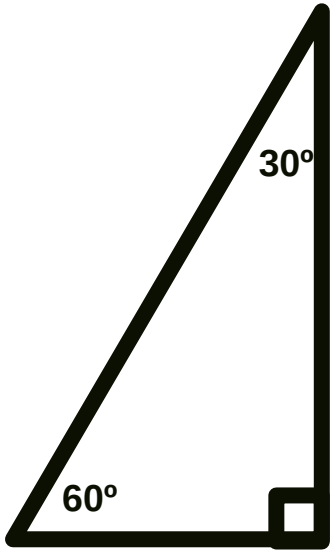
Using the assistance of the triangle, find (in exact form) the following trig. ratios:

$$\sin 45° =$$

$$\cos 45° =$$

$$\tan 45° =$$

Review: Trig. Ratios



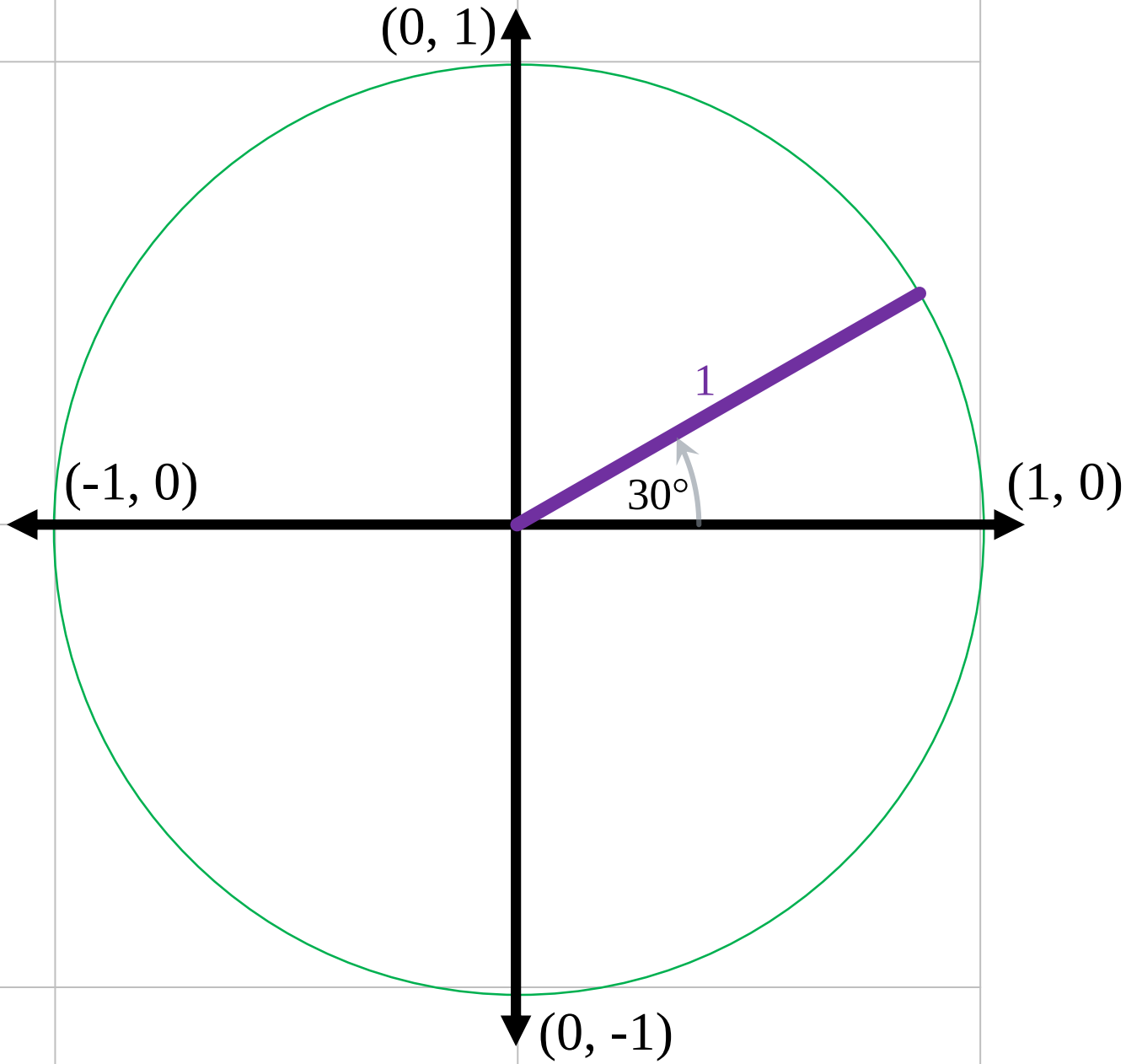
Using the assistance of the triangle, find (in exact form) the following trig. ratios:

$\sin 30° =$ $\sin 60° =$

$\cos 30° =$ $\cos 60° =$

$\tan 30° =$ $\tan 60° =$

Finding Coordinates of a Unit Circle



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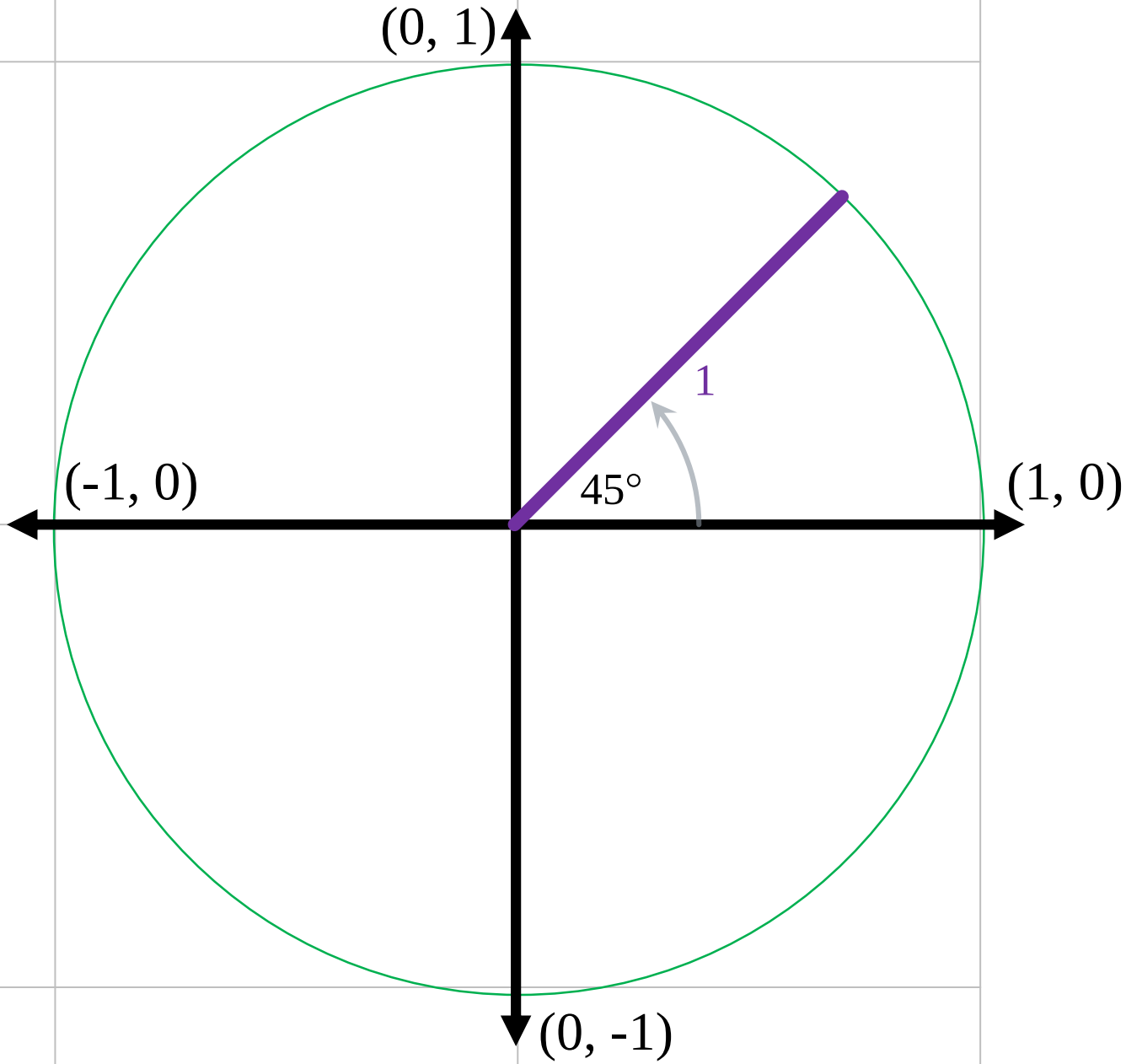

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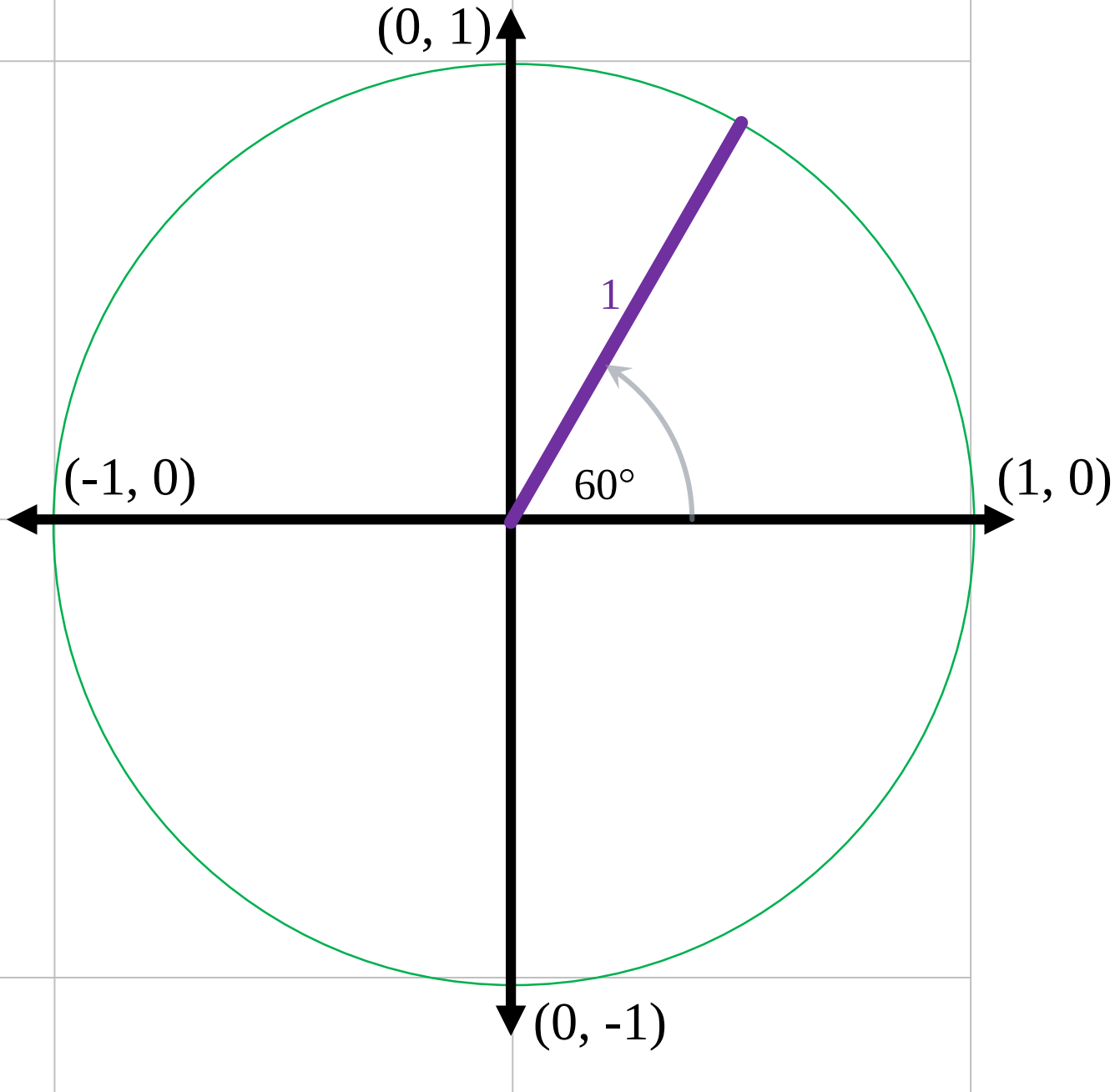

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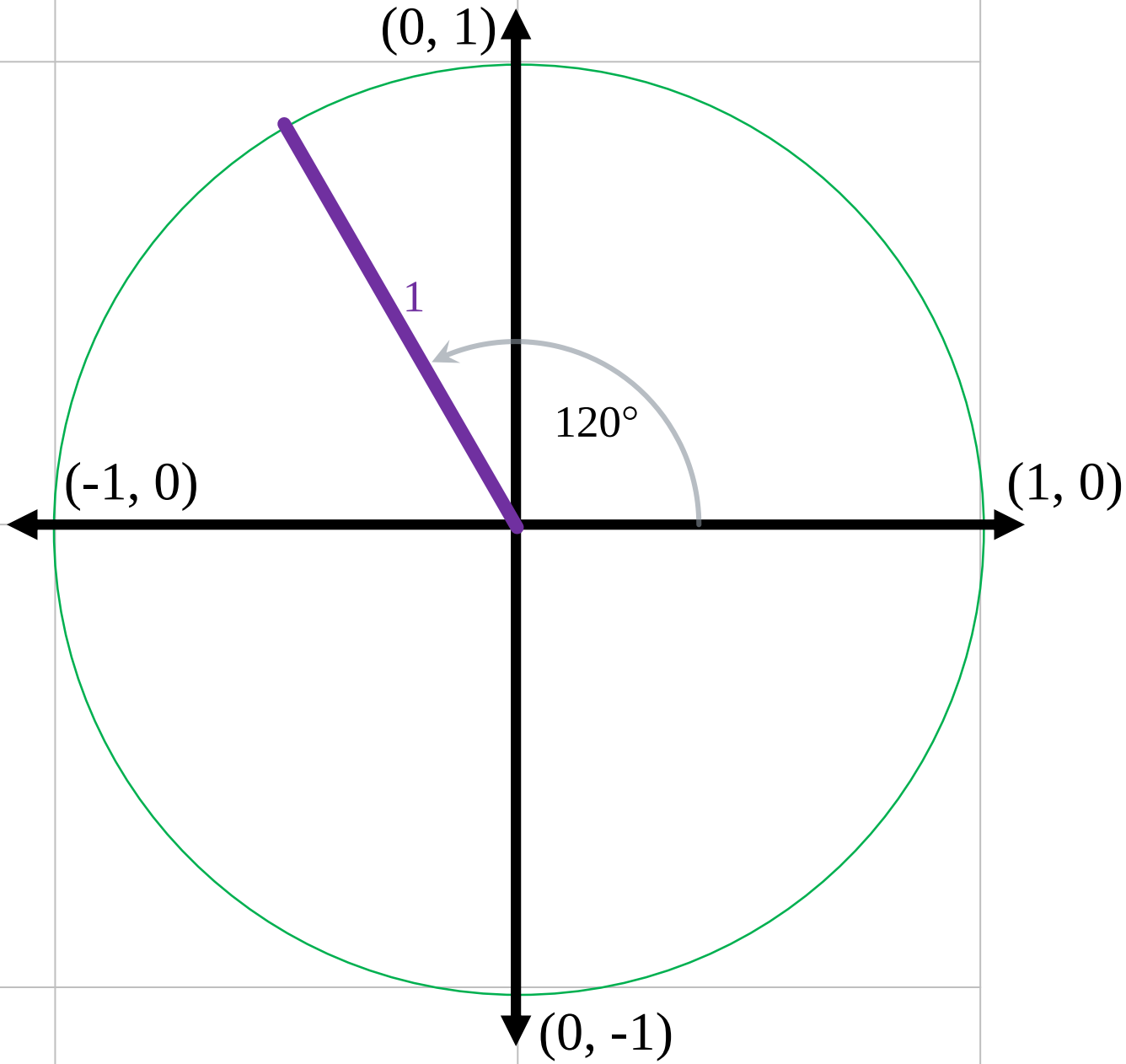

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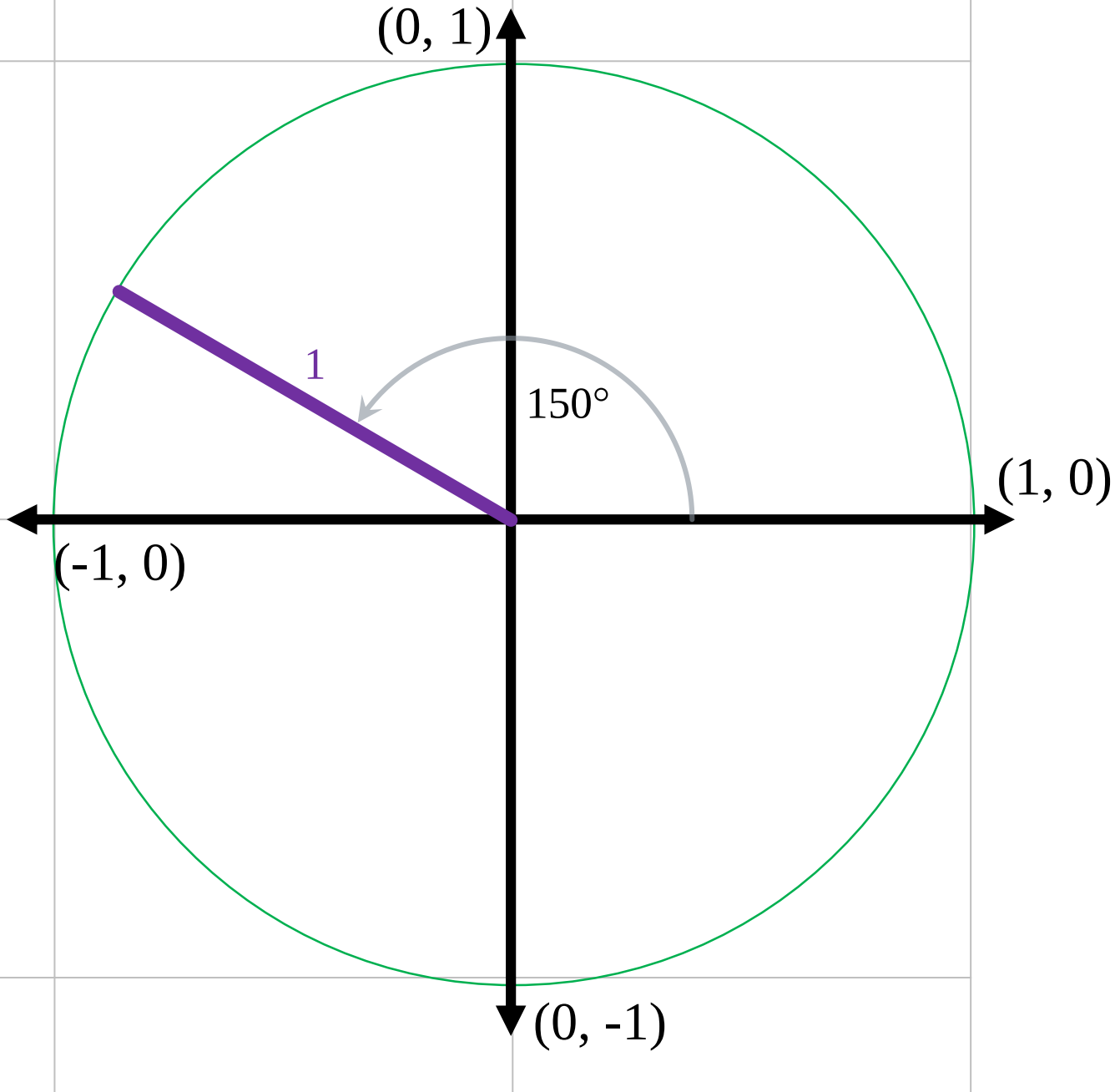

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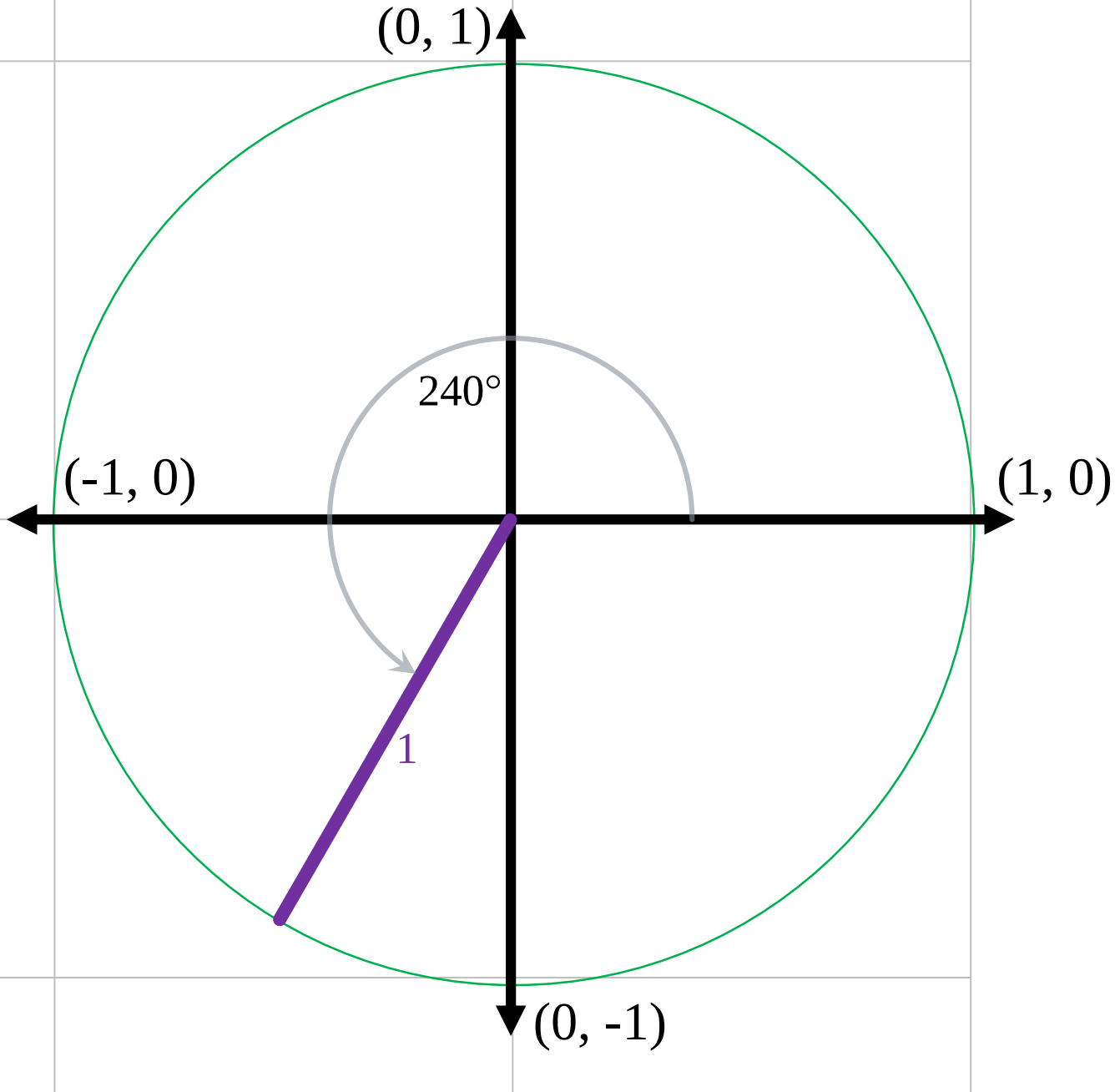

Finding Coordinates of a Unit Circle