LOGO

Trigonometric Values in 1st Quadrant

LOGO

What do I absolutely need to remember?

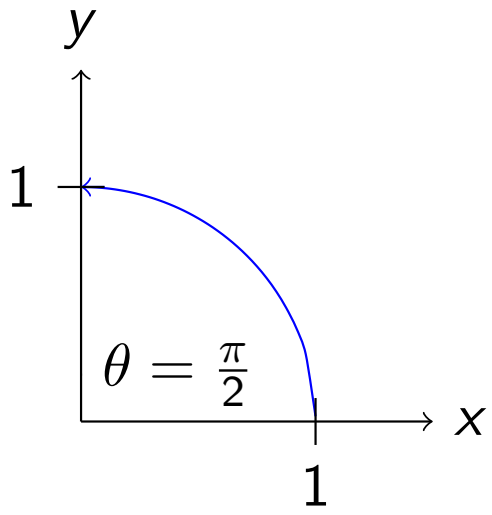
- θ is an angle.
- $\sin(\theta)$ is a value of y.

LOGO

Trigonometric Values in 1st Quadrant

LOGO

What angles do I need to know?



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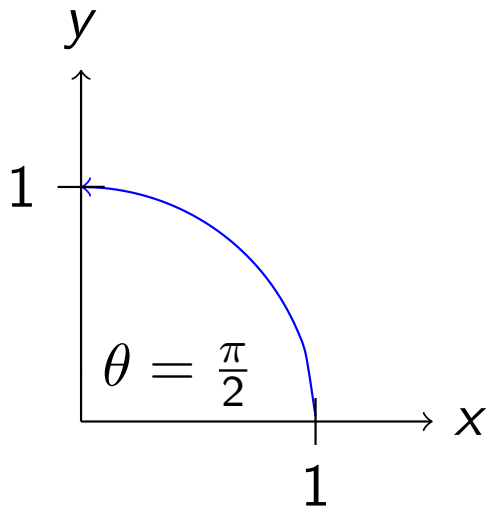

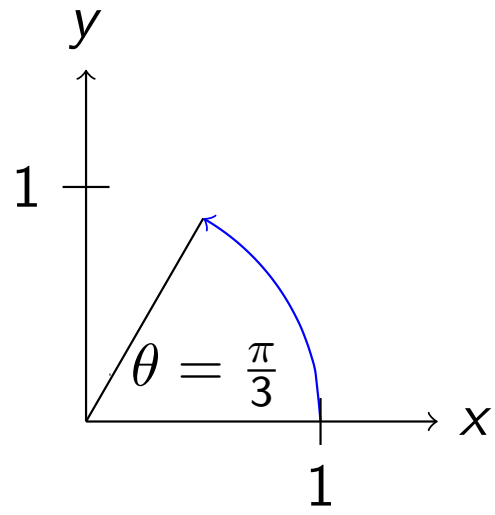

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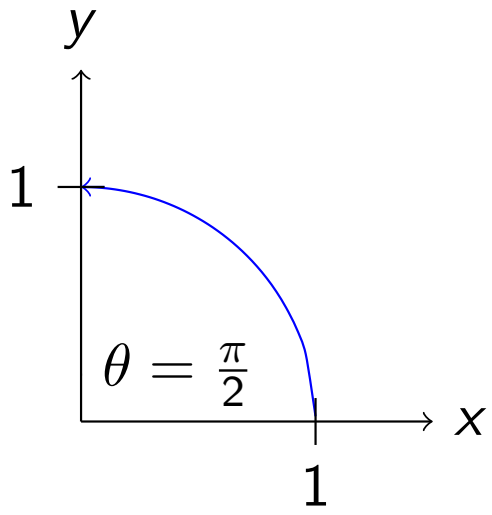

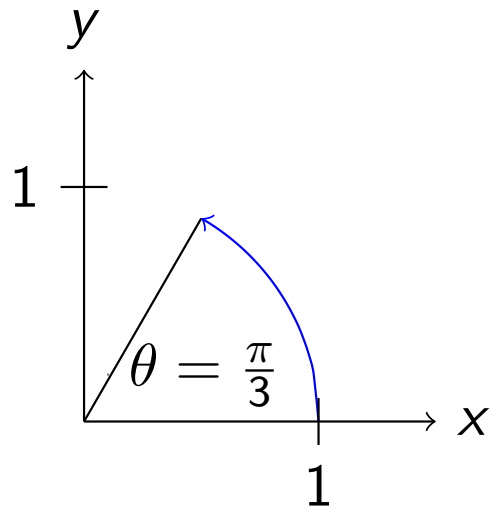

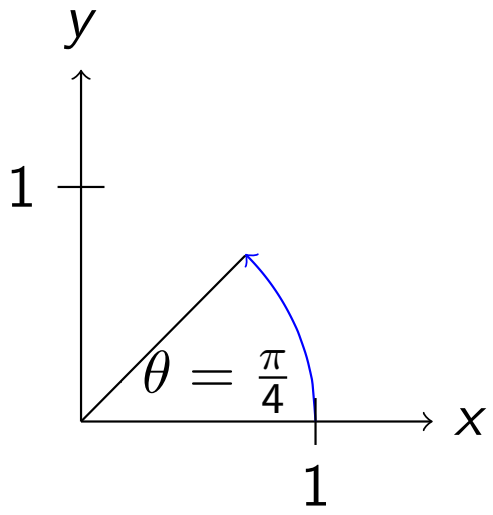

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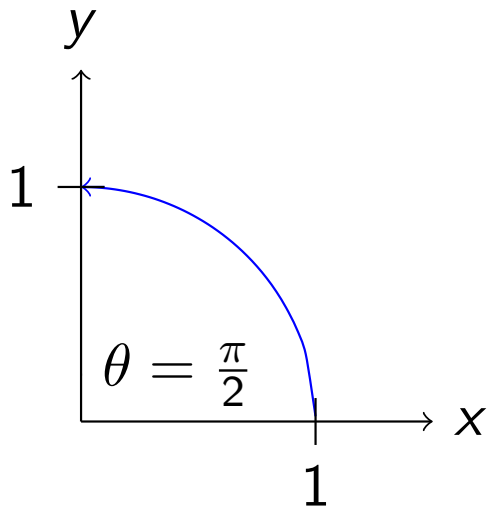

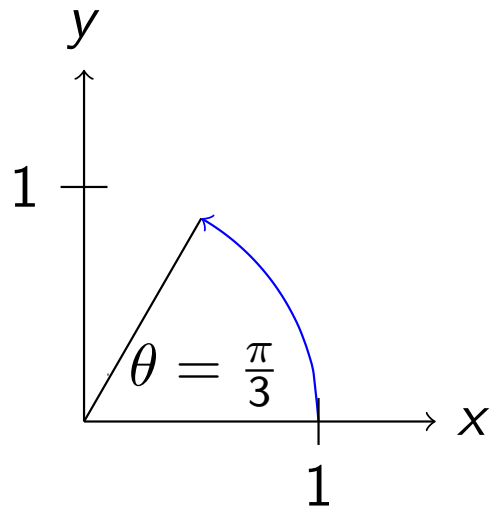

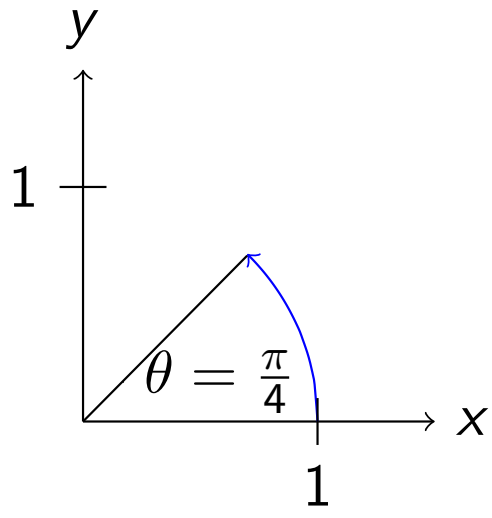

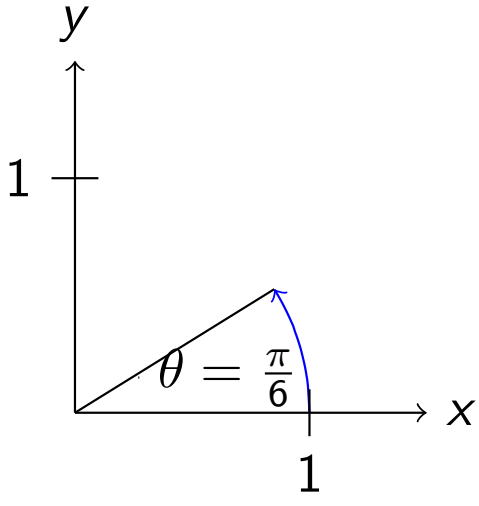

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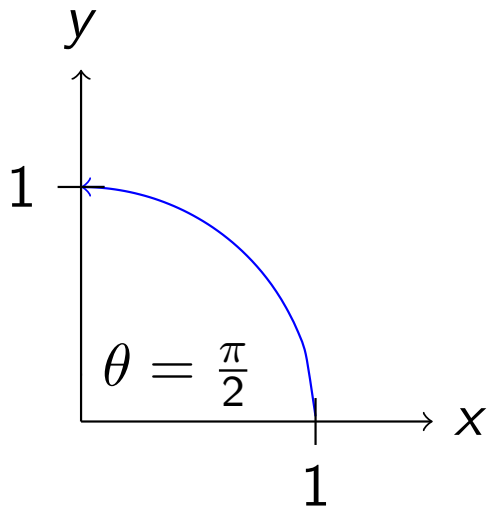

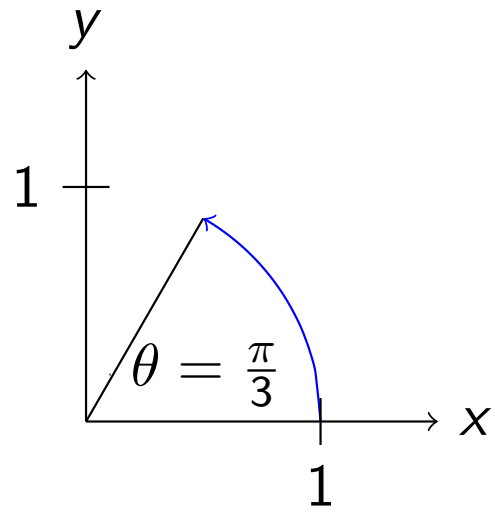

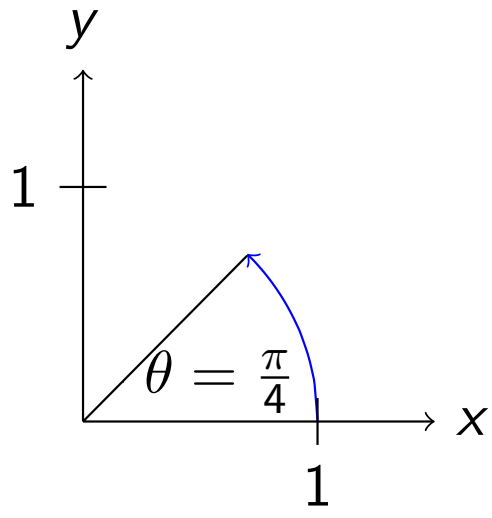

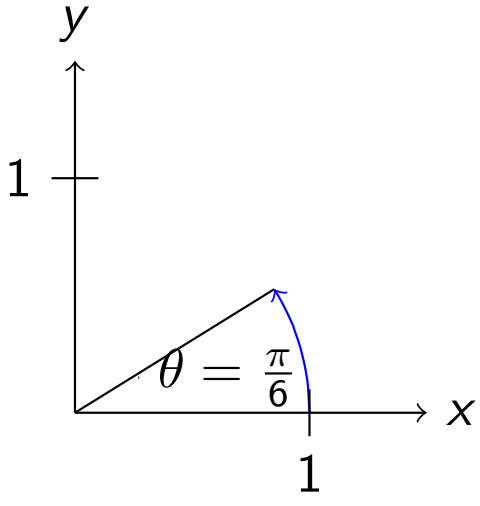

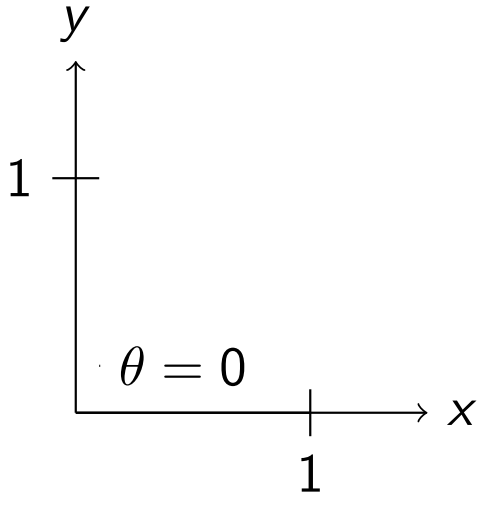

Trigonometric Values in 1^{st} Quadrant

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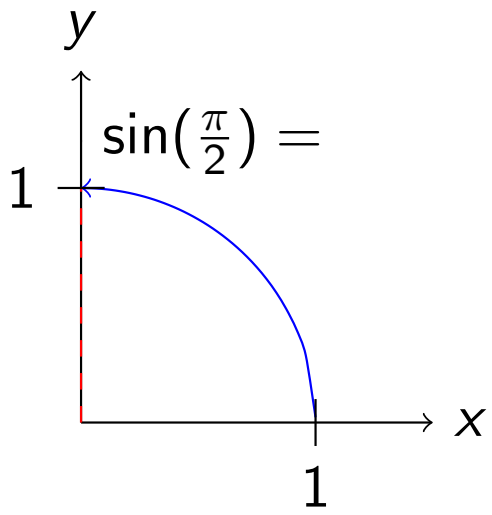

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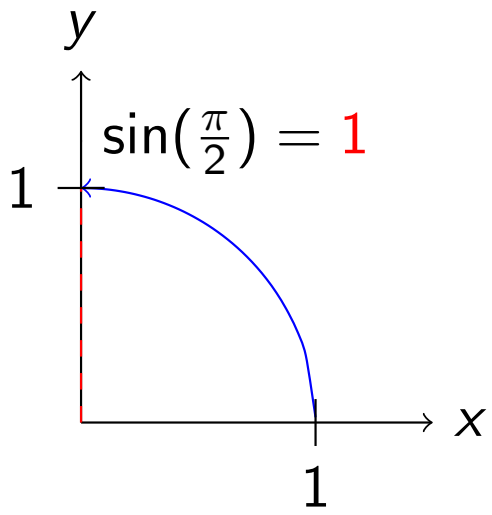

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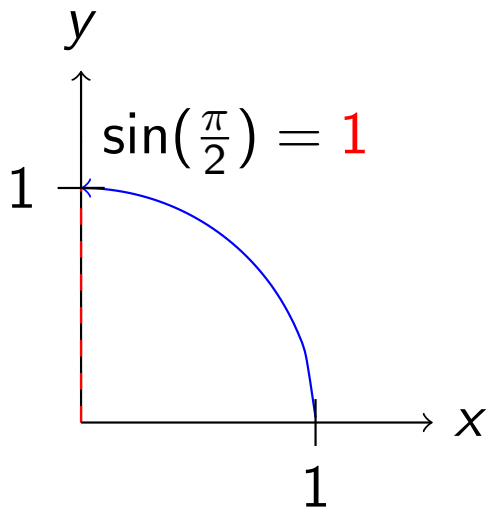

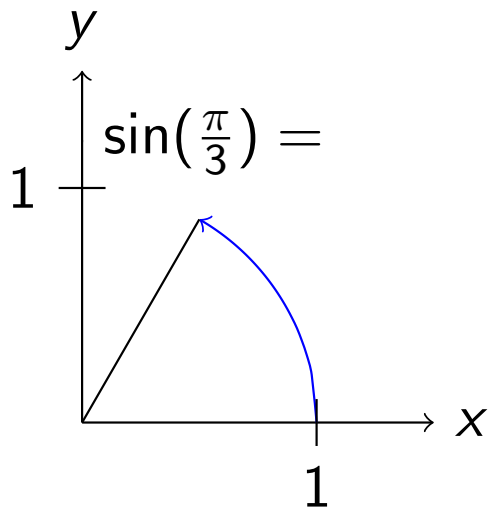

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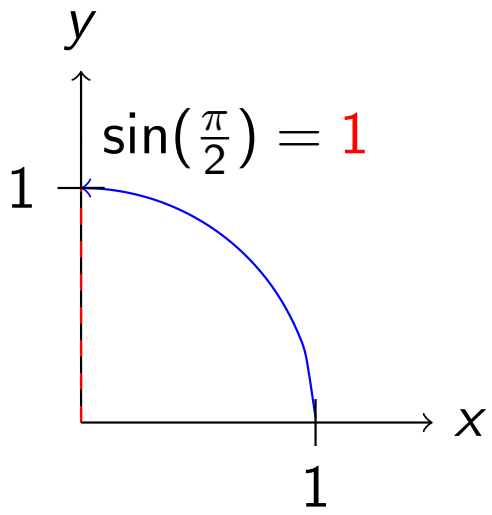

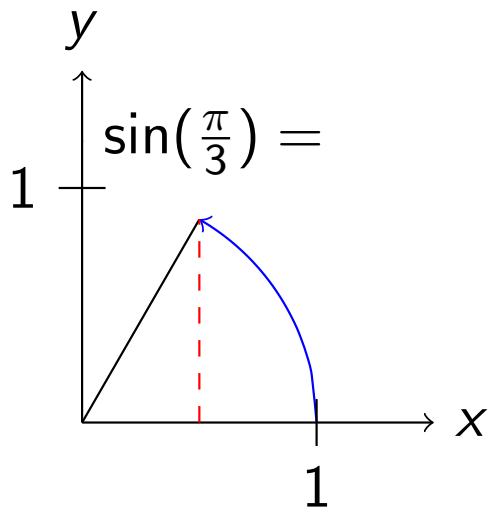

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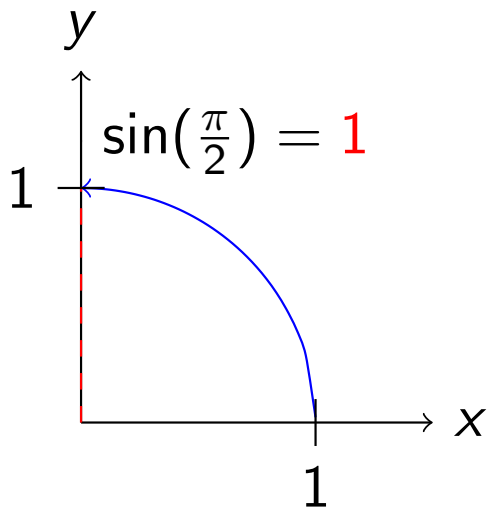

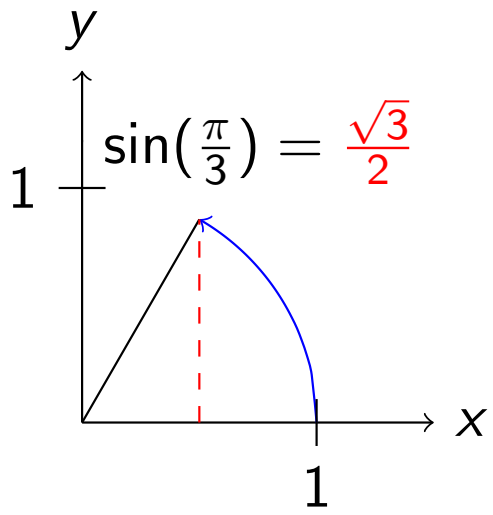

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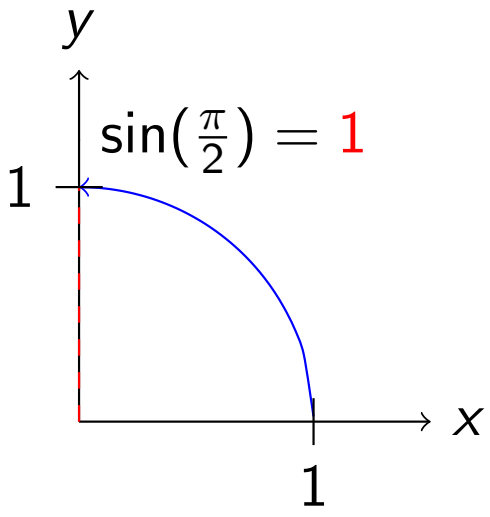

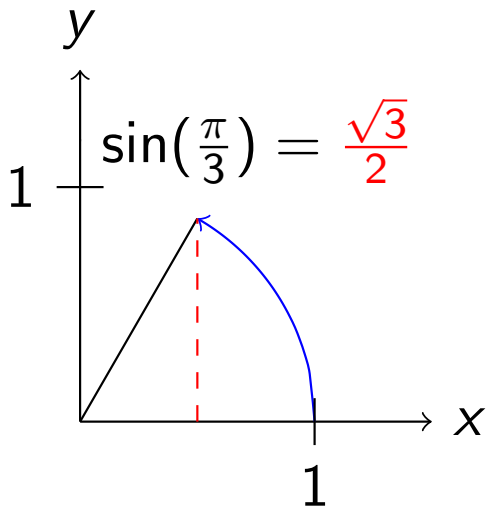

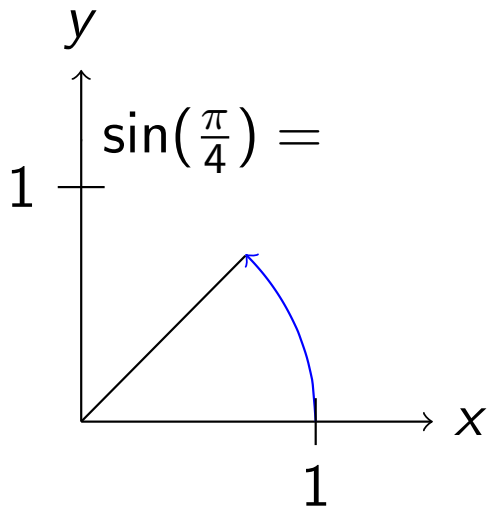

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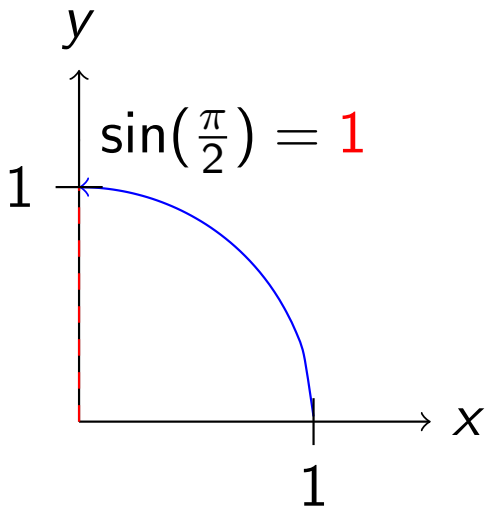

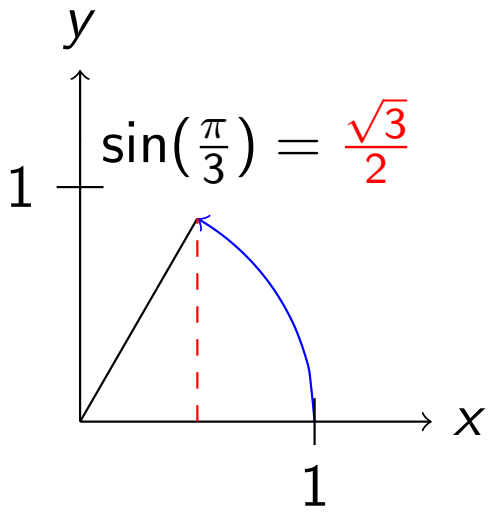

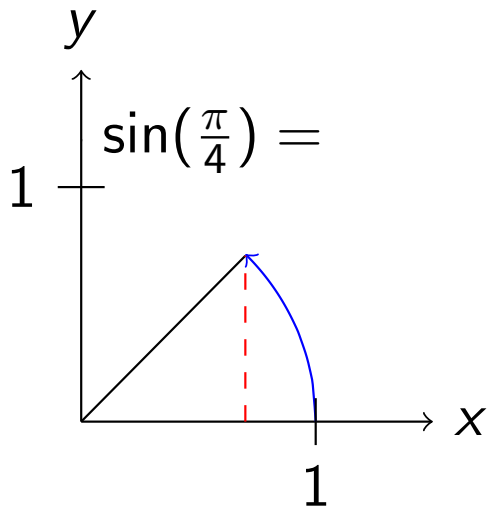

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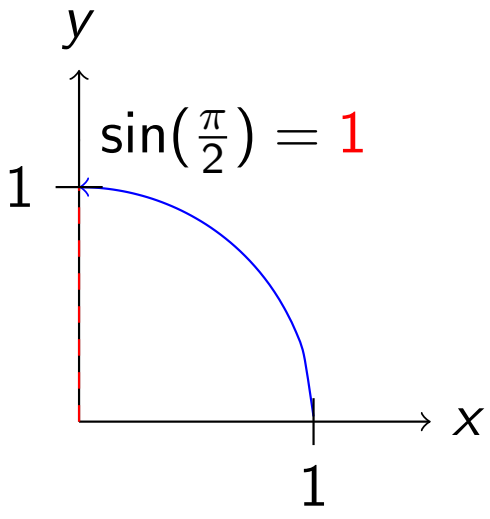

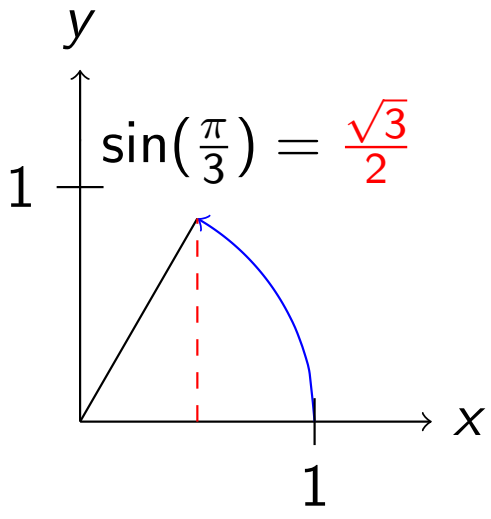

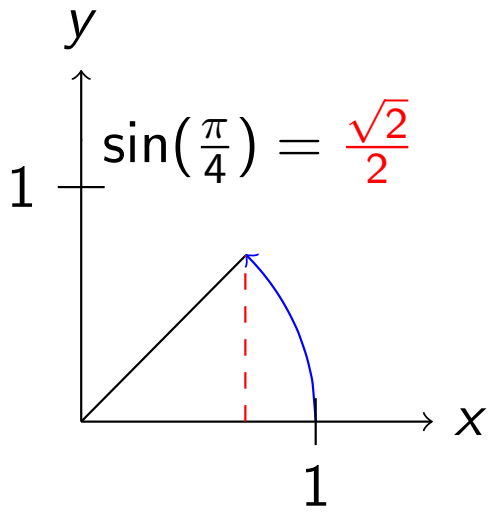

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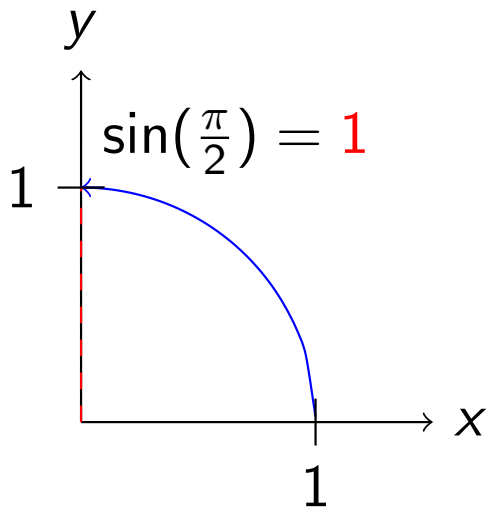

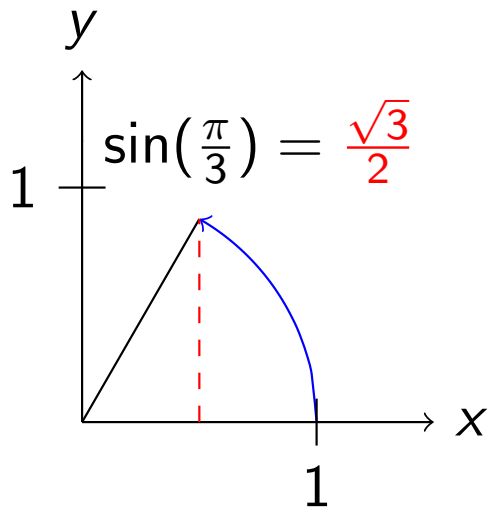

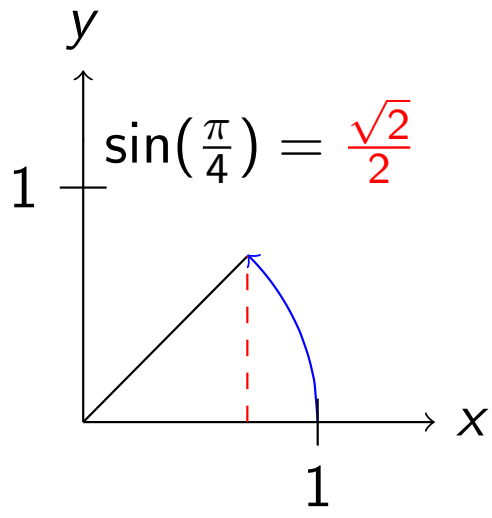

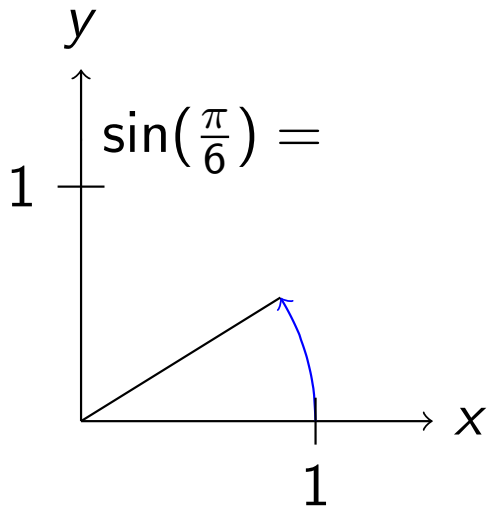

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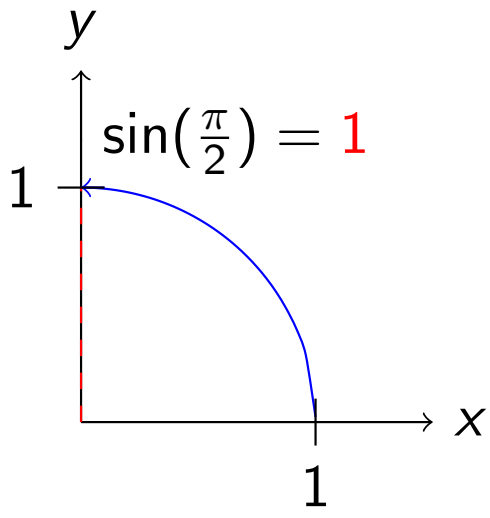

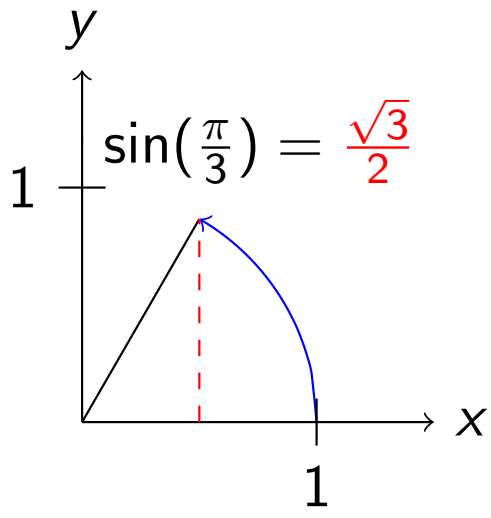

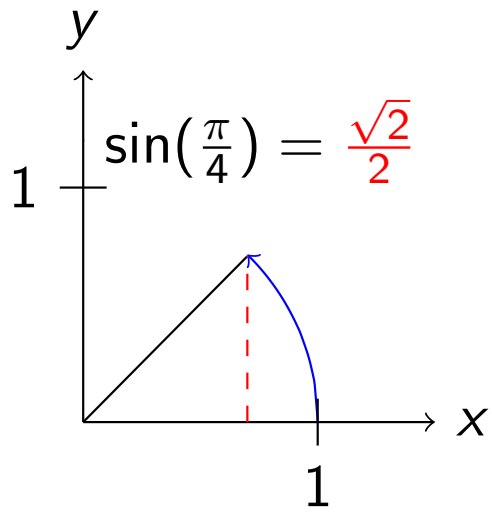

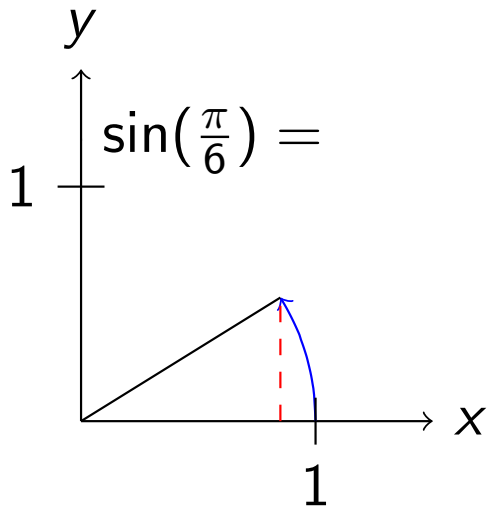

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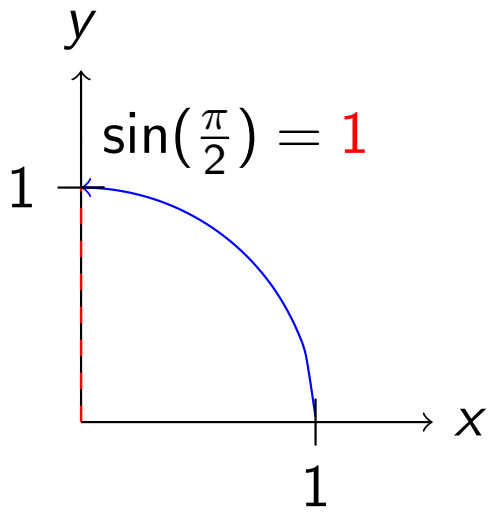

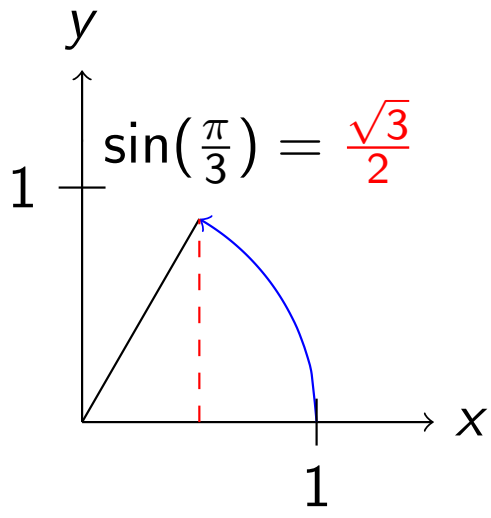

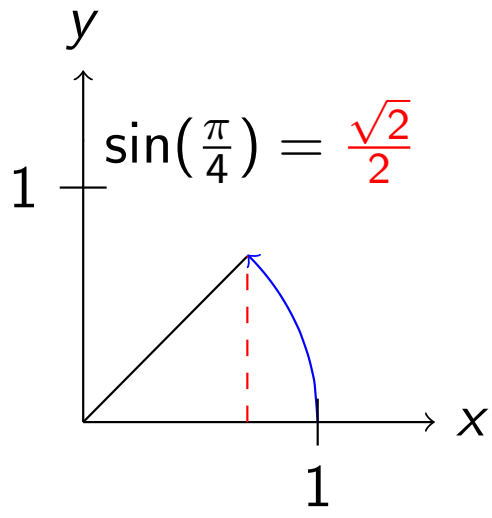

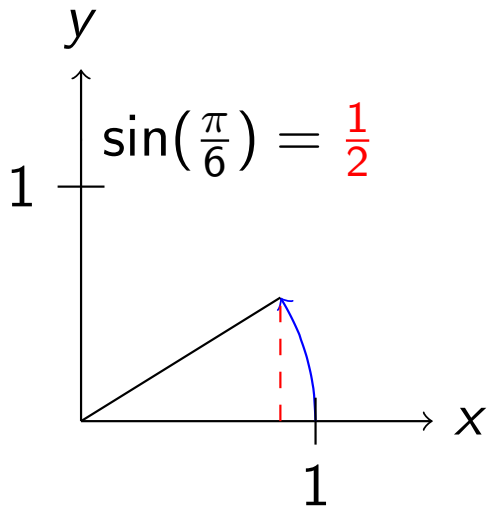

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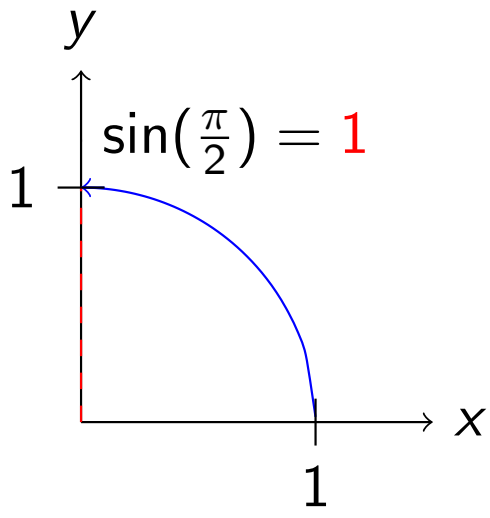

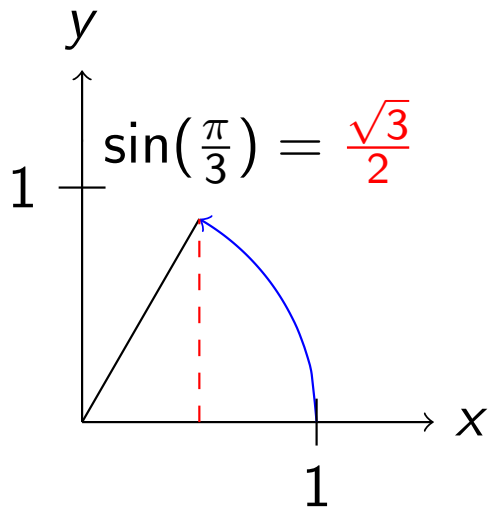

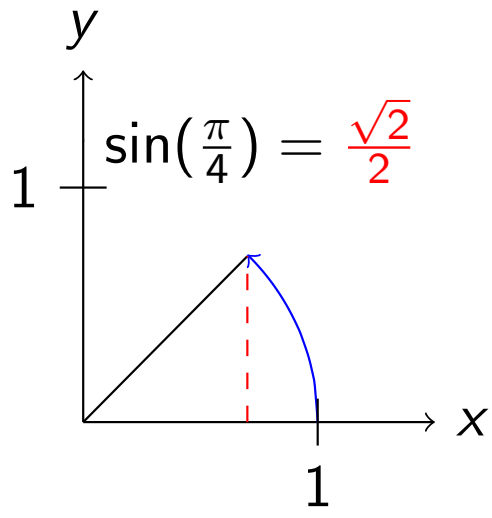

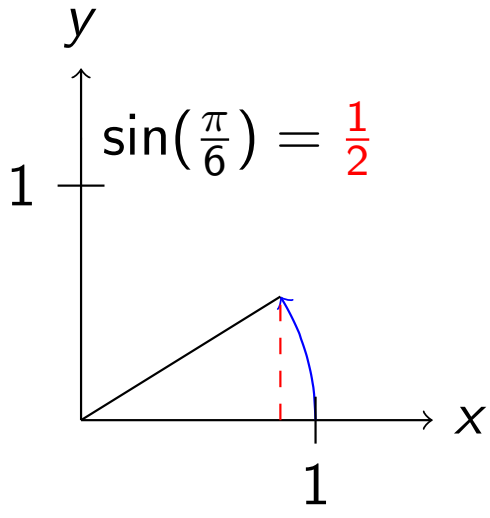

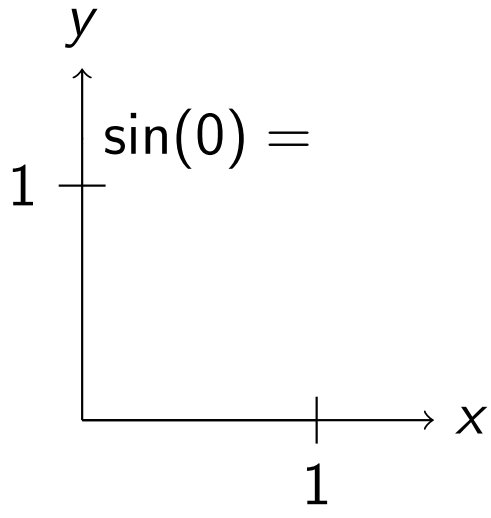

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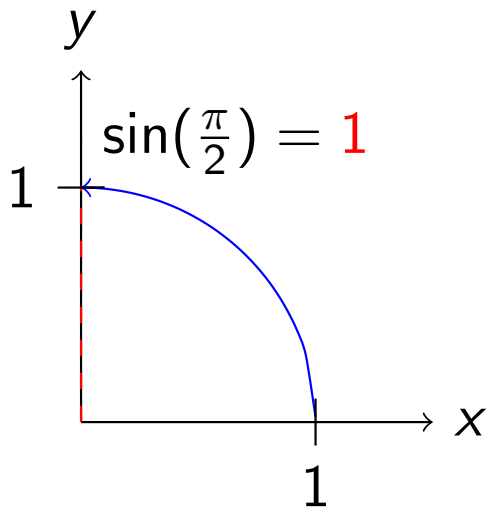
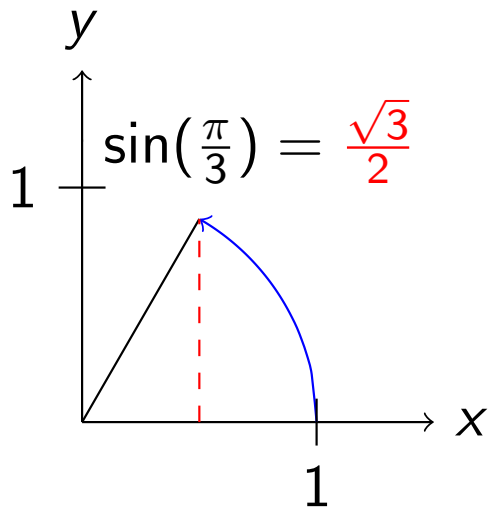
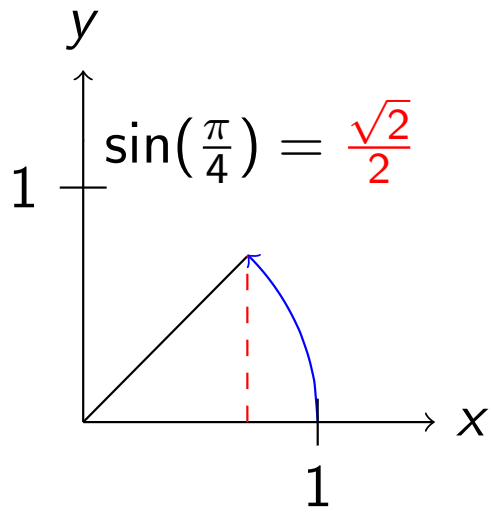
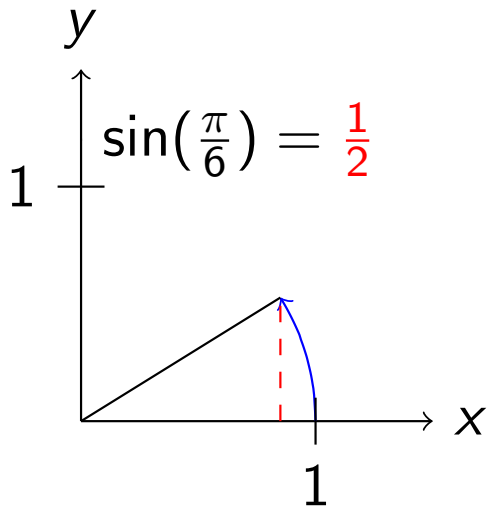
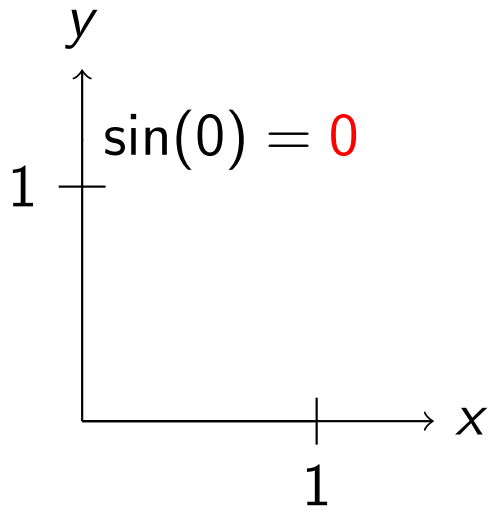










LOGO

Trigonometric Values in 1st Quadrant

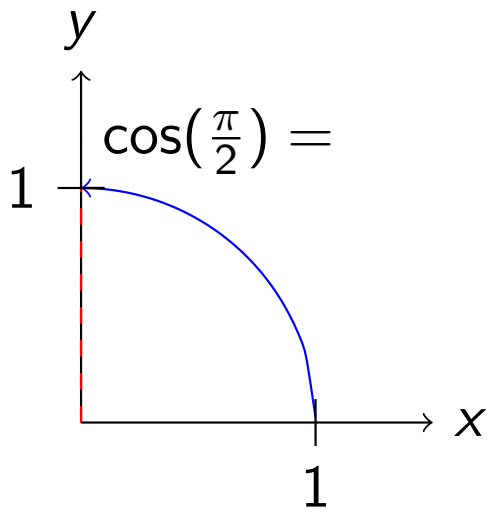
LOGO

What about cosine?

- $\cos(\theta)$ is a value of x.
- The important angles are the same as $\sin(\theta)$.
- The values of $\cos(\theta)$ are the reverse of $\sin(\theta)$.

Trigonometric Values in 1^{st} Quadrant

What are the values of $\cos(\theta)$?



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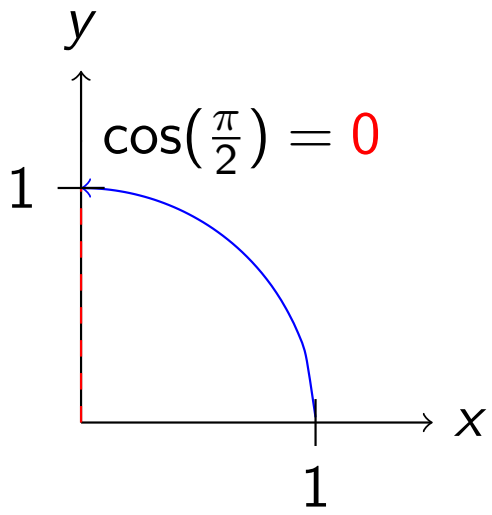

LOGO

Trigonometric Values in 1st Quadrant

LOGO

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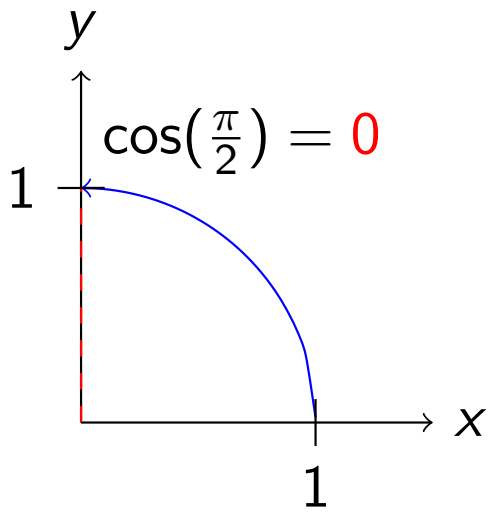

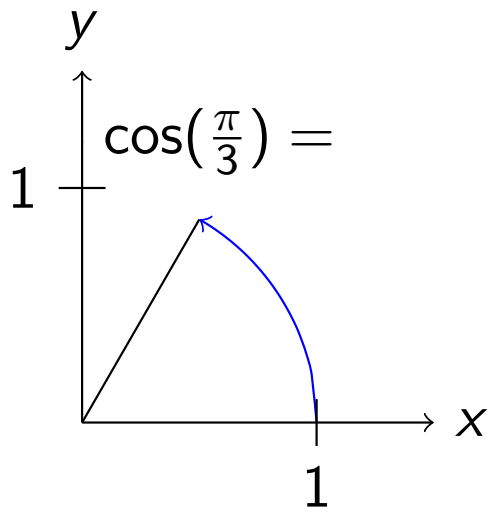

LOGO

Trigonometric Values in 1st Quadrant

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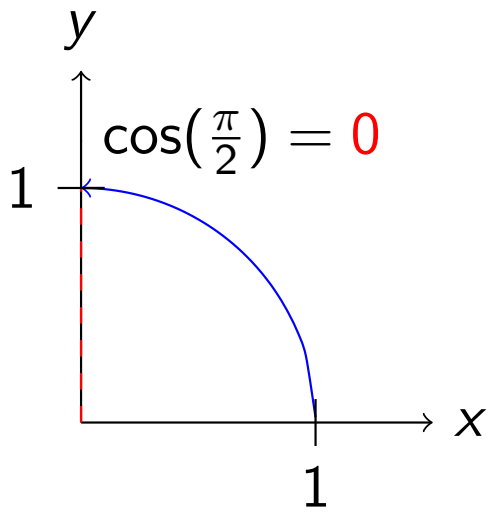

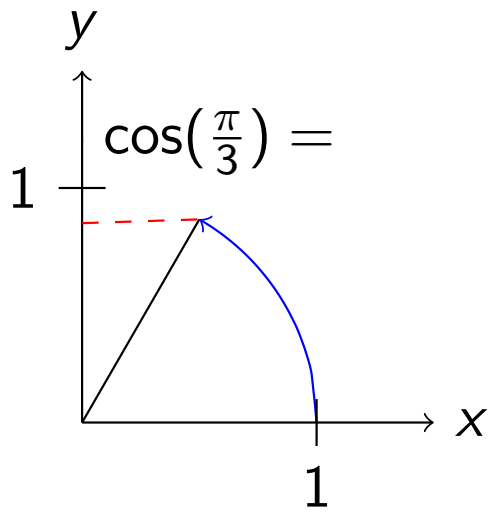

Trigonometric Values in 1^{st} Quadrant

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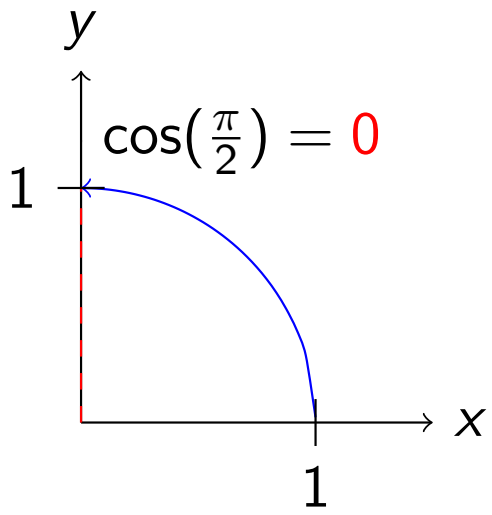

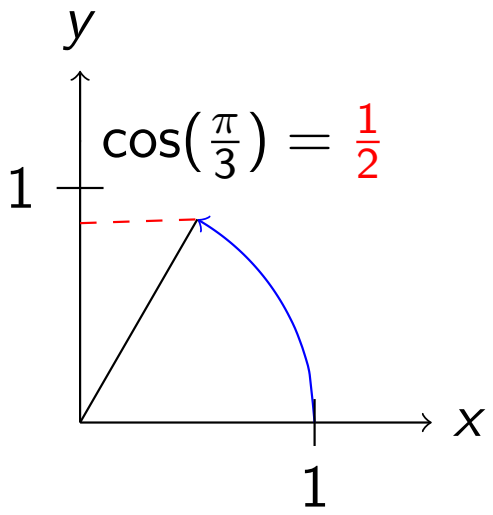

LOGO

Trigonometric Values in 1st Quadrant

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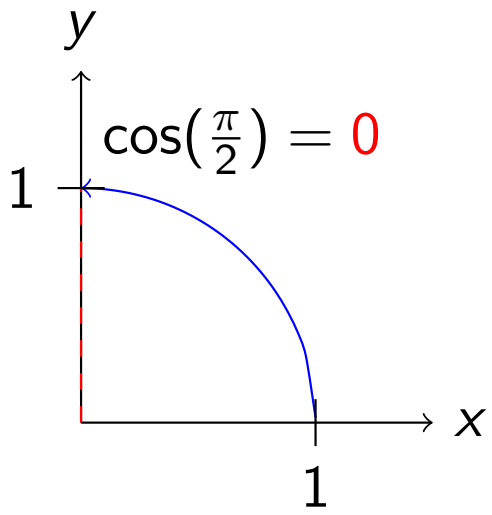

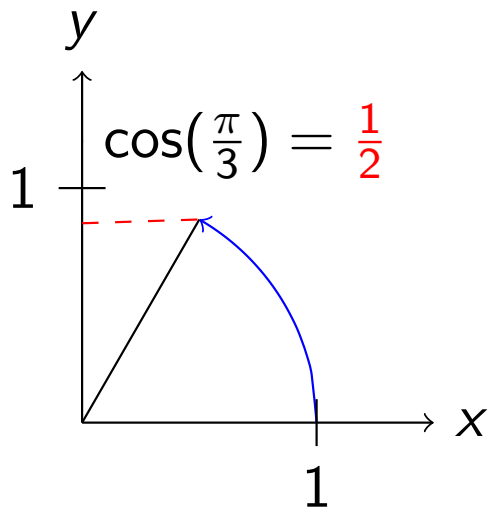

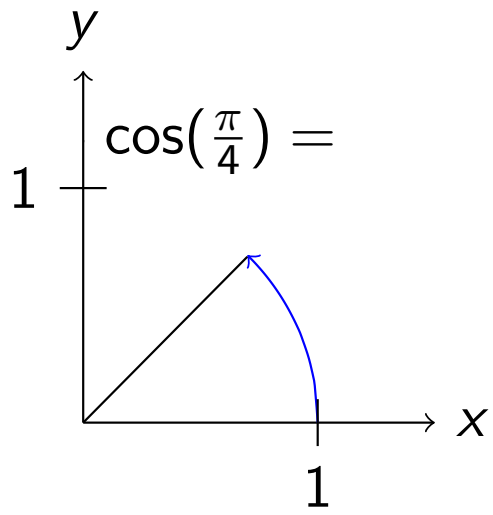

LOGO

Trigonometric Values in 1st Quadrant

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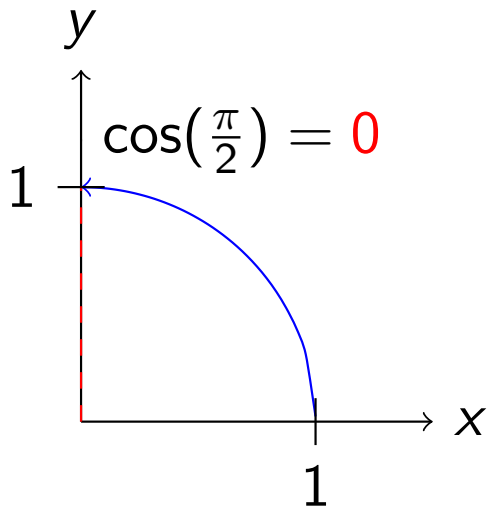

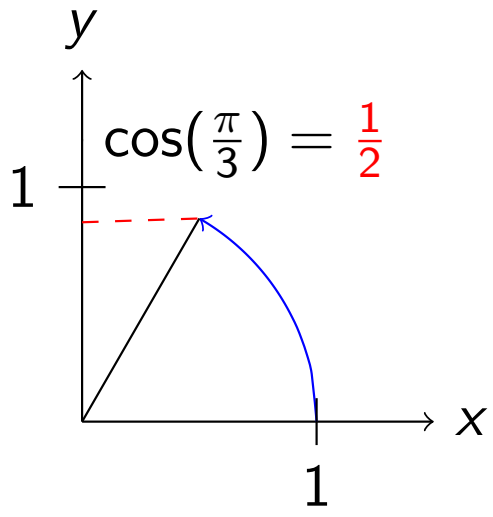

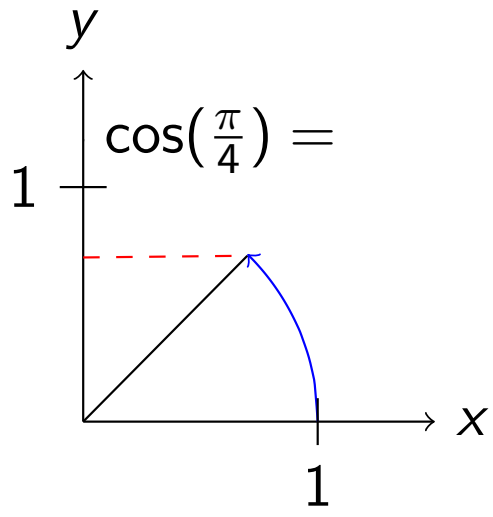

LOGO

Trigonometric Values in 1^{st} Quadrant

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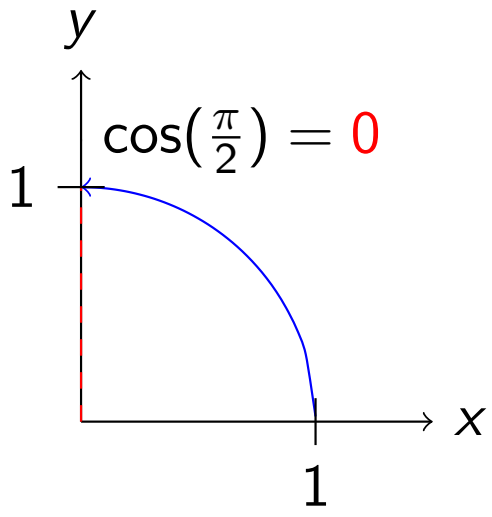

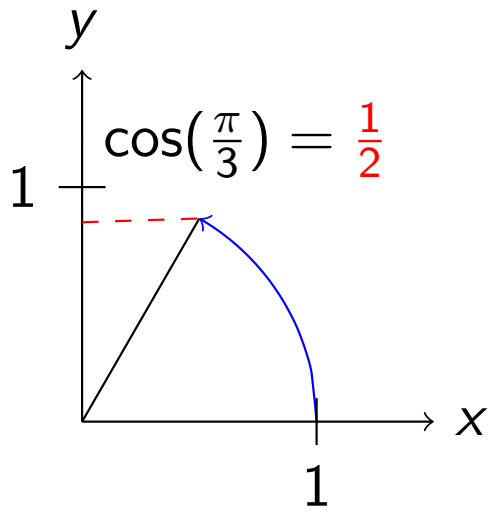

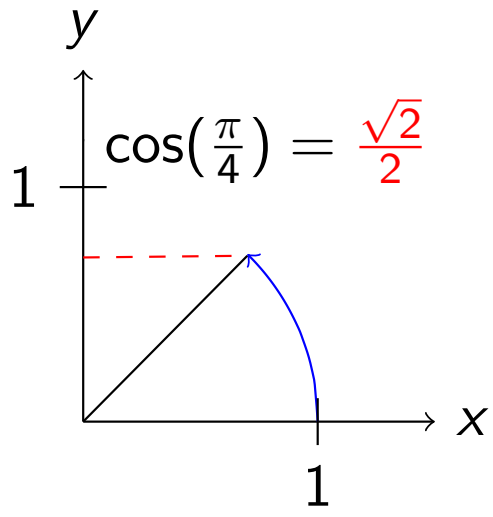

LOGO

Trigonometric Values in 1st Quadrant

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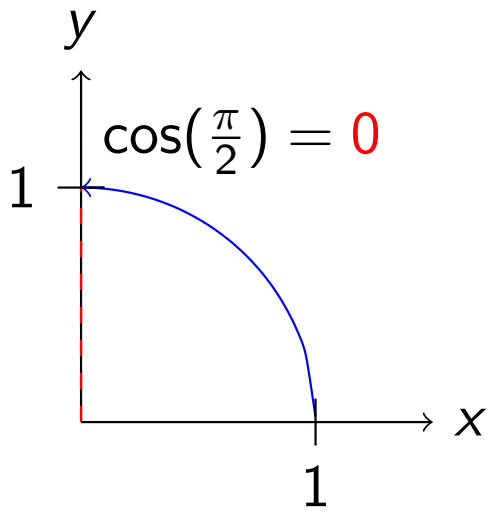

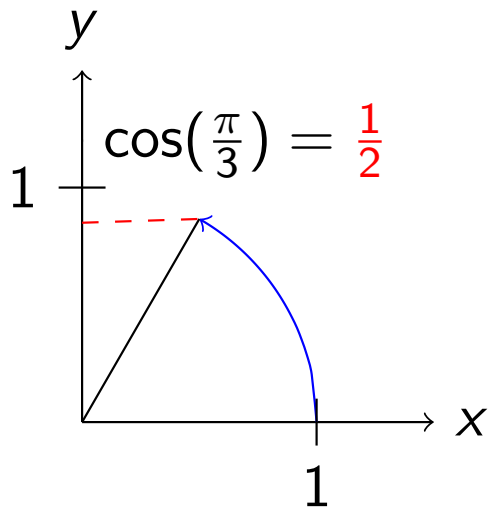

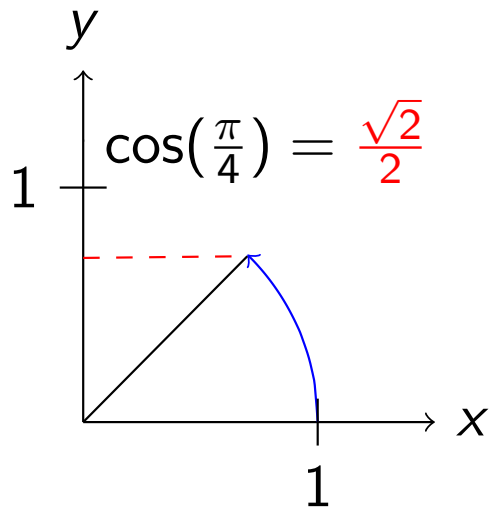

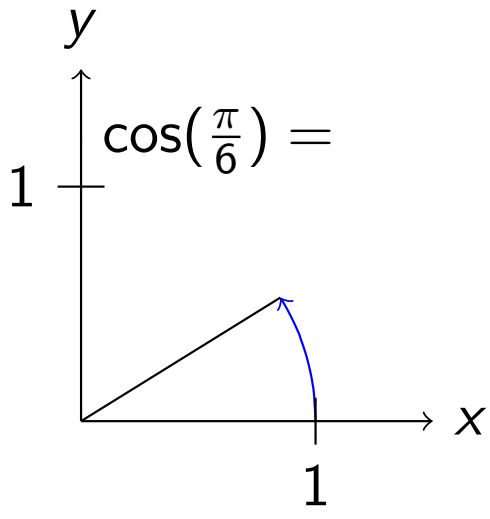

LOGO

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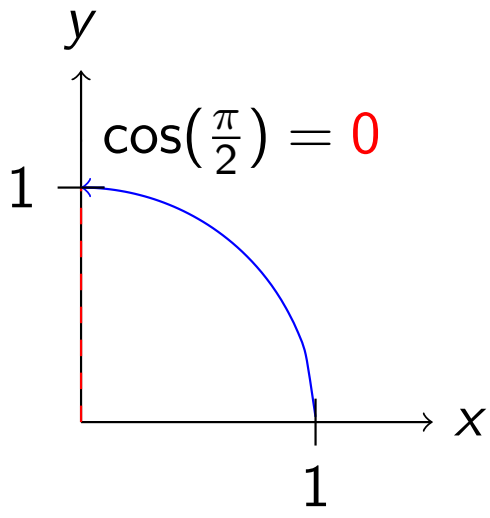

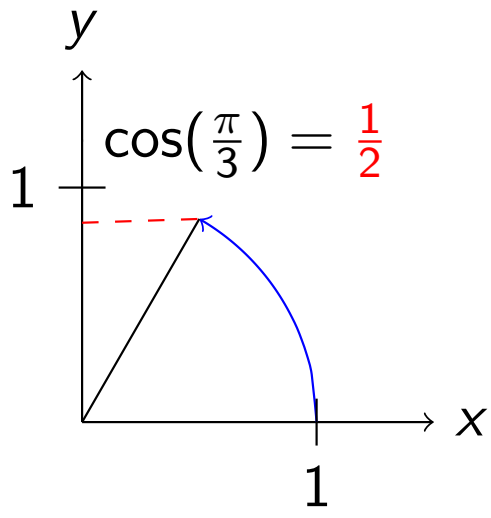

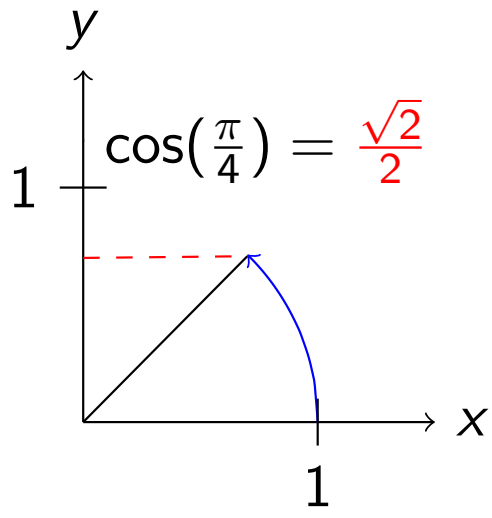

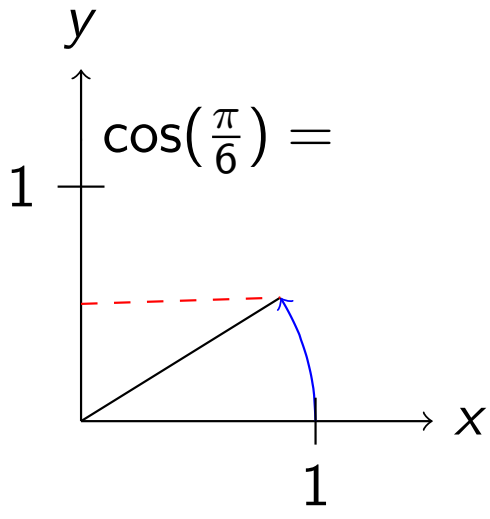

LOGO

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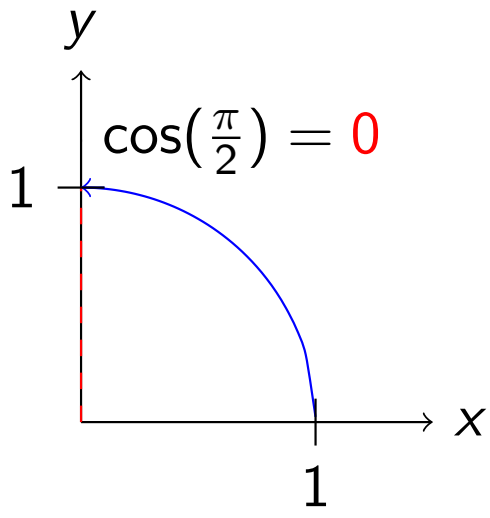

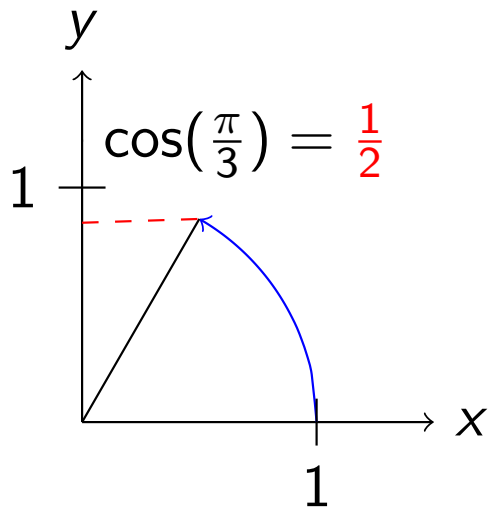

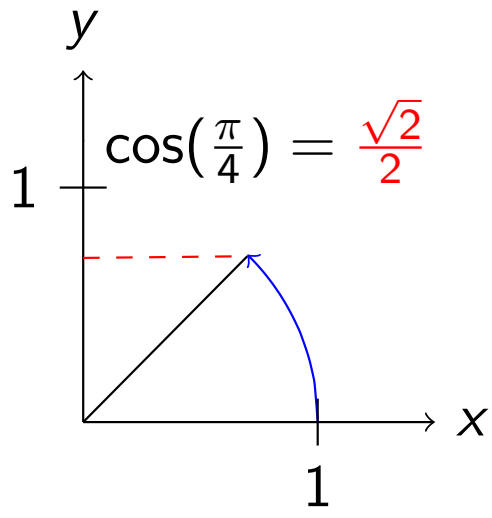

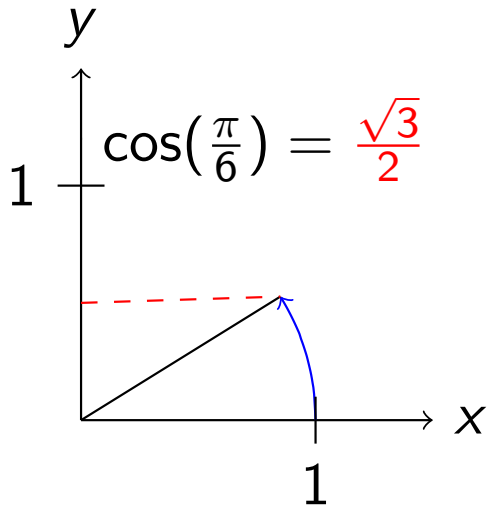

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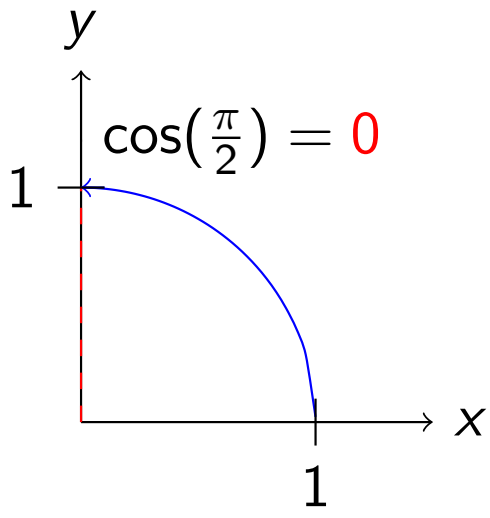

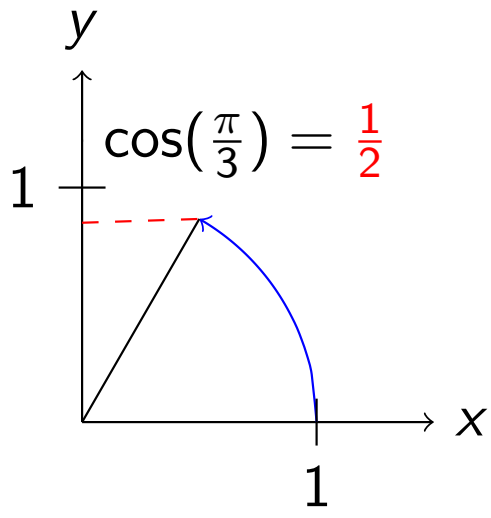

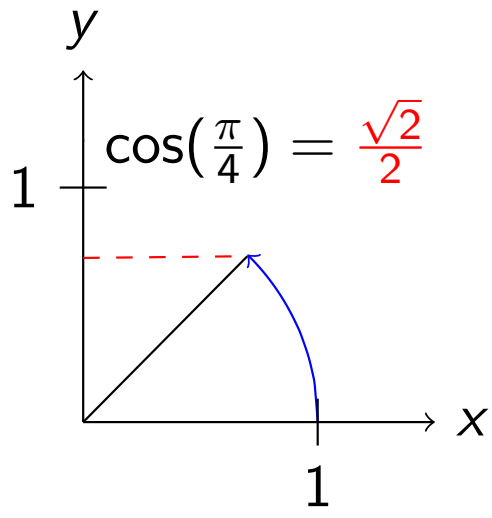

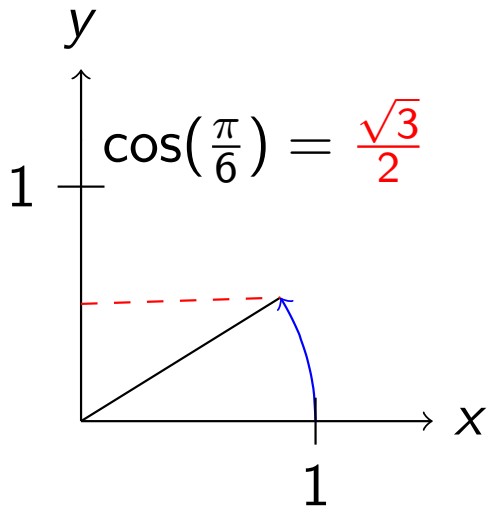

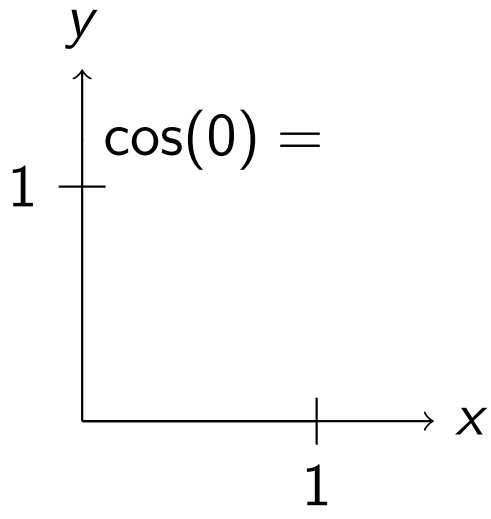

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Trigonometric Values in 1st Quadrant

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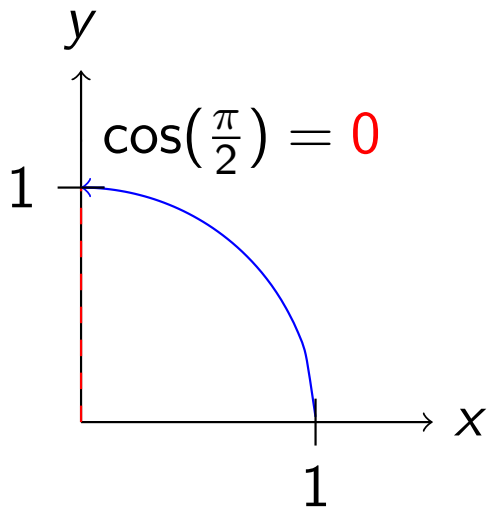

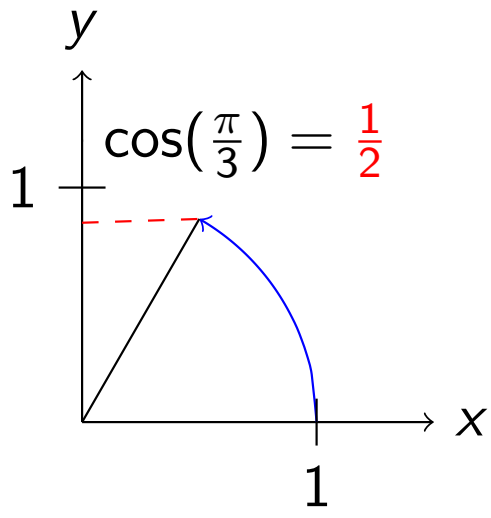

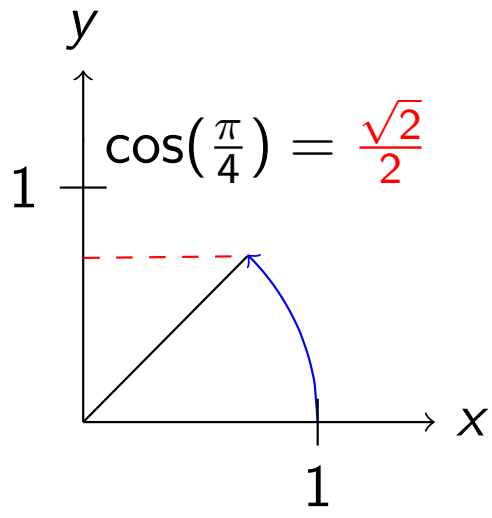

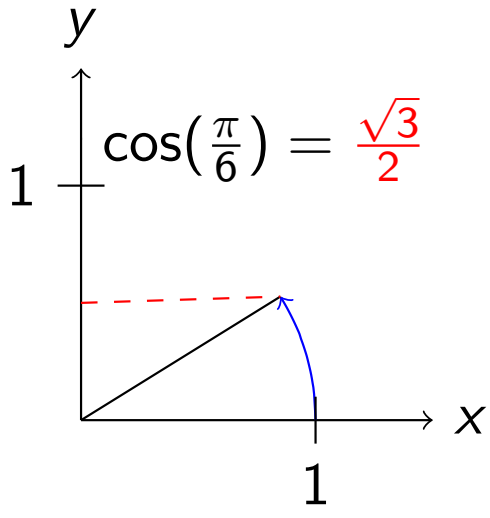

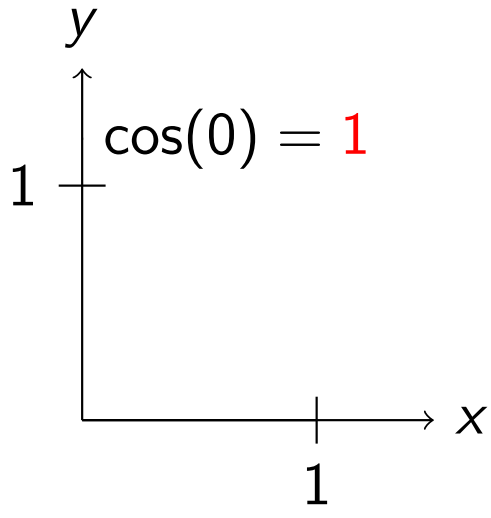

LOGO

Trigonometric Values in 1^{st} Quadrant

LOGO

θ	$\sin(\theta)$	$\cos(\theta)$
0	0	1
$\frac{\pi}{6}$	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$
$\frac{\pi}{4}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$
$\frac{\pi}{3}$	$\frac{\sqrt{3}}{2}$	$\frac{1}{2}$
$\frac{\pi}{2}$	1	0