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Of Sine And Cosine

# **Graphs Of Sine And Cosine Functions Worksheet Answers**

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## Answers

*Graphing Sine and Cosine Trig Functions  
With Transformations, Phase Shifts,  
Period - Domain \u0026amp; Range*

Trigonometry - The graphs of sin and cos  
Sine, Cosine and Tangent graphs  
explained + how to sketch | Math Hacks

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## **Graphs of Sine and Cosine - An**

**Introduction**.mov ~~Graphing Sin and Cos~~

~~Sine and Cosine Graphs on Excel How To~~

~~Graph Sine & Cosine Functions~~

~~Using Transformations, Phase Shifts,~~

~~Amplitude & Period~~ Graphs of Sine,

Cosine and Tangent Functions

~~Determining the Equation of a Sine and~~

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~~Cosine Graph Graphing Sine and Cosine  
Functions with Transformations (Multiple  
Examples)~~ **Graphing Sine and Cosine  
Trig Functions IB Math SL, Oxford  
Text** Graphing the Sine and Cosine  
Functions Trick for doing trigonometry  
mentally! Graphing Trigonometric  
Functions (Example:  $y = 3\cos(x) - 2$ )

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Writing Sine and Cosine Equations from  
Graphs *Graphing Sine and Cosine with a*

*Phase Shift* 03 The graphs of  $y=\sin(x)$ ,  
 $y=\cos(x)$  and  $y=\tan(x)$  ~~Graphing the Sin(x)  
and Cos(x)~~ how to memorize unit circle in  
minutes!! 11 9 Graphs of  $\sin x$  and  $\cos x$

• ~~4.5A Graphs of Sine and Cosine~~

Functions **Tangent \u0026 Cotangent**



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**Graphs w/ Transformations Graph of  
the sine function Graphing trig**

**functions Graphing Sine and Cosine**

Functions MHF4U U5L1 Graphs of Sine,

Cosine and Tangent *Sine or Cosine*

*Writing Equations Given Graph* ~~How to~~

~~graph a sine function on a TI 84 Calculator~~

*Understanding Basic Sine \u0026 Cosine*

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~~Graphs Graphing Sine & Cosine  
w/out a Calculator Pt1~~ *Graphs Of Sine  
And Cosine*

Graphs of Sine, Cosine and Tangent. A  
sine wave made by a circle: A sine wave  
produced naturally by a bouncing spring:  
Plot of Sine . The Sine Function has this  
beautiful up-down curve (which repeats

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## Answers

*Graphs of Sine, Cosine and Tangent -  
MATH*

The basic sine and cosine functions have a period of  $2\pi$ . The function  $\sin x$  is odd, so its graph is symmetric about the origin.

The function  $\cos x$  is even, so its graph is

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Answers  
symmetric about the  $y$ -axis. The graph of a sinusoidal function has the same general shape as a sine or cosine function.

*Graphs of the Sine and Cosine Function |  
Precalculus*

Plotting the points from the table and continuing along the  $x$ -axis gives the

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shape of the sine function. See Figure

$\backslash(\backslashPageIndex{2}\backslash)$ . Figure

$\backslash(\backslashPageIndex{2}\backslash)$ : The sine function

Notice how the sine values are positive

between  $\backslash(0\backslash)$  and  $\backslash(\backslashpi\backslash)$ , which

correspond to the values of the sine

function in quadrants I and II on the unit

circle, and the sine values are negative

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between  $\pi$  and  $2\pi$  ...

## Answers

*7.2: Graphs of the Sine and Cosine  
Functions - Mathematics ...*

To see how the sine and cosine functions are graphed, use a calculator, a computer, or a set of trigonometry tables to determine the values of the sine and cosine

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functions for a number of different degree (or radian) measures (see Table 1). Next, plot these values and obtain the basic graphs of the sine and cosine function (Figure 1). Figure 1

*Graphs: Sine and Cosine*

Graph of Sine and cosine function I

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Trigonometry | chse 11th math | In this video I explained about how to plot the sine and cosine graph.

*Graph of Sine and cosine function |  
Trigonometry | chse ...*

For a sine or cosine graph, simply go from 0 to  $2\pi$  on the x-axis, and -1 to 1 on the y-



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axis, intersecting at the origin  $(0, 0)$ .

$\{\displaystyle y=\cos (x)\}$  repeat the same shape from negative infinity to positive infinity on the x-axis (you'll generally only graph a portion of it).  $(x) \{\displaystyle y=\sin (x)\}$ .

*How to Graph Sine and Cosine Functions*

*Page 17/33*

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*(with Pictures... Worksheet*

Comparing Cosine and Sine Functions in a Graph. Replace  $\cos x$  with its cofunction identity. Apply the two identities for the sine of the sum and difference of two angles. Simplify the terms by using the values of the functions.

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*Comparing Cosine and Sine Functions in  
a Graph - dummies*

Conic Sections: Parabola and Focus.  
example. Conic Sections: Ellipse with  
Foci

*Sine and Cosine - Desmos*

A Quick Intro to Graphs of Sine and

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Cosine . Key Words. Graph, -intercept,  
-intercept, amplitude, period, phase shift,  
sine, cosine The graph is the collection of  
points where is given by an expression..  
The -intercept is a point where the graph  
intersects the -axis.It is of the form , so ..  
The -intercept is a point where the graph  
intersects the -axis.

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*Lesson 29: Graphs of Sine and Cosine –  
MAT 1275CO Course Hub*

The basic sine and cosine functions have a period of  $2\pi$ . The function  $\sin x$  is odd, so its graph is symmetric about the origin.

The function  $\cos x$  is even, so its graph is symmetric about the  $y$ -axis. The graph of

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a sinusoidal function has the same general shape as a sine or cosine function.

*Graphs of the Sine and Cosine Function |  
Precalculus II*

First, note that the sine and cosine graphs are the same shape — cosine is the same as sine, just slid 90 degrees to the left. Also,

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notice that their simple wave shape goes as high as 1 and as low as  $-1$ , and goes on forever to the left and right, repeating every 360 degrees. That's the period of both functions, 360 degrees.

*How to Graph Sine, Cosine, and Tangent -  
dummies*

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The graph of  $y=\sin(x)$  is like a wave that forever oscillates between -1 and 1, in a shape that repeats itself every  $2\pi$  units.

Specifically, this means that the domain of  $\sin(x)$  is all real numbers, and the range is  $[-1,1]$ . See how we find the graph of  $y=\sin(x)$  using the unit-circle definition of  $\sin(x)$ .



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*Graph of  $y=\sin(x)$  (video) | Trigonometry |  
Khan Academy*

Graphs of Sine and Cosine Definition The  
sine and cosine functions have a period  $2\pi$ .  
 $2\pi$ . The graph of sine function is  
symmetric about the origin, as it is an odd  
function and the graph of the cosine

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Function is symmetric about the Y-axis.

## Answers

*Learn About Graphs Of Sine And Cosine |  
Chegg.com*

The sine and cosine graphs are almost identical, except the cosine curve starts at  $y=1$  when  $t=0$  (whereas the sine curve starts at  $y=0$ ). We say the cosine curve is

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a sine curve which is shifted to the left by  $\pi/2$  ( $= 1.57 = 90^\circ$ ).

*1. Graphs of  $y = a \sin x$  and  $y = a \cos x$*

The variable  $b$  in both of the following graph types affects the period (or wavelength) of the graph..  $y = a \sin bx$ ;  $y = a \cos bx$ ; The period is the distance (or

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time) that it takes for the sine or cosine curve to begin repeating again.. Graph Interactive - Period of a Sine Curve. Here's an applet that you can use to explore the concept of period and frequency of a sine curve.

2. *Graphs of  $y = a \sin bx$  and  $y = a \cos bx$*

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The sine and cosine graphs are very similar as they both: have the same curve only shifted along the x-axis have an amplitude (half the distance between the maximum and minimum values) of 1 have a...

*Trigonometric graphs - Working with the*  
*Page 29/33*

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## *graphs of...* Functions Worksheet

Sine and cosine are periodic functions, which means that sine and cosine graphs repeat themselves in patterns. You can graph sine and cosine functions by understanding their period and amplitude. Sine and cosine graphs are related to the graph of the tangent function, though the

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graphs look very different. periodic  
functions period amplitude. I want to talk  
about graphing the sine and cosine  
functions.

*Graphs of the Sine and Cosine Functions -  
Concept ...*

Question: 9. Graphs Of Sine And Cosine.

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Find The Amplitude, Period, Phase-shift  
And Use Them To Sketch A Graph Of  
The Function Over A Period. Label All  
Zeroes, Maxima And Minima.



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37a7cdf7e114f6c648fa42e85dd4a2bf

**Answers**