

Geometry

Written Assignment: Graphing the Cosine Function

Total Points = 50

In this assignment you will be generating the graph of the cosine curve. To do this, you should go through the same process we used to generate the sine and the tangent curves.

1. Using your calculator, complete the table below for the function $y = \cos x$. Find the corresponding y -values rounded to the nearest thousandth.

x	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°	330°	360°
y													

x	0°	-30°	-60°	-90°	-120°	-150°	-180°	-210°	-240°	-270°	-300°	-330°	-360°
y													

2. Plot all the points from the table on the graph below. Draw the curve.

