Warmup

. It cost a bakery $3.50 to make apple pies that sell for $12 the f
ay they are baked.

The probability of selling the apple pie the first day is 75%.

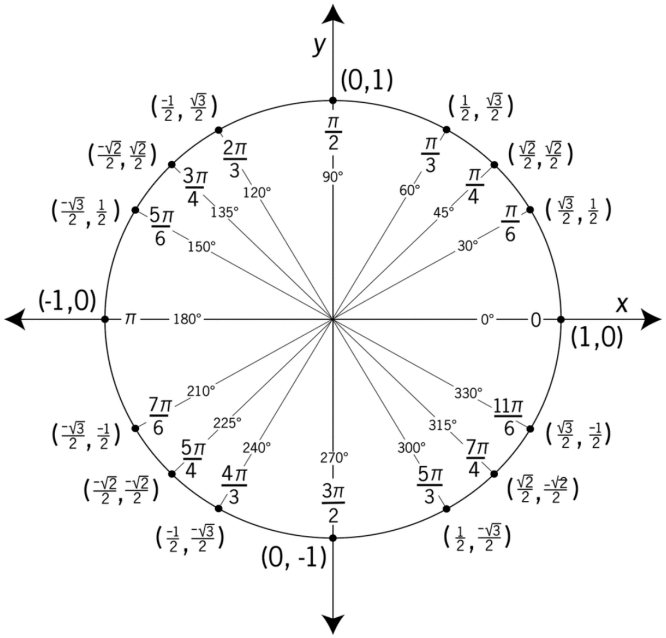
If a pie is not sold on the first day, the new price is $8.50.

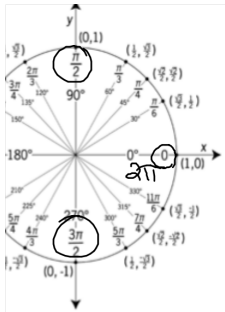
There is a 12% probability of selling it on the second day.

If the apple pie does not sell by the end of the second day, it is
onated.

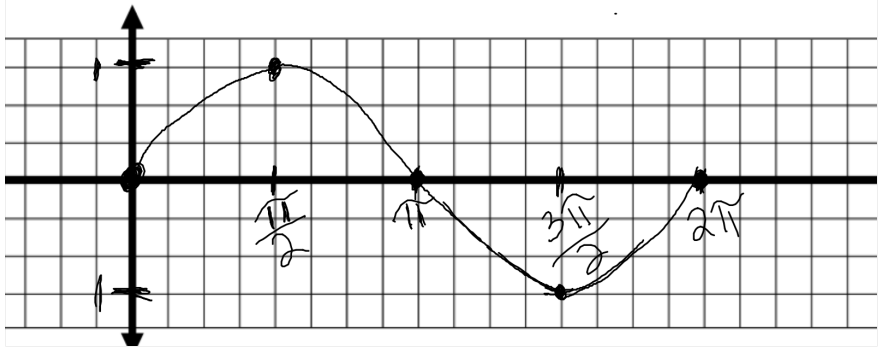
What is the approximate expected profit per pie for the bakery on
ale of its apple pie?

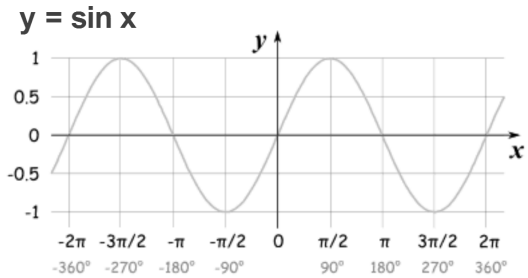
. Given the following points, determine the
ix trig values. (-4, -6)

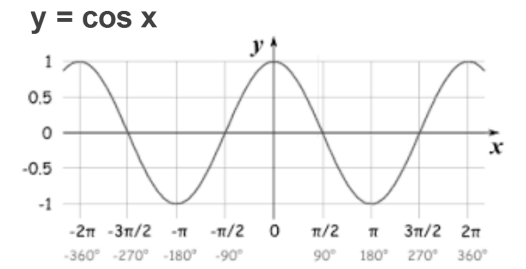




x (radians or degrees)	0	$\frac{\pi}{2}$	π	$\frac{3\pi}{2}$	2π
f(x) = sin(x)	0	1	0	-1	0







Graphing Sine and Cosine

Sine -> $y = a \sin (bx + c) + d$

Cosine -> $y = a \cos (bx + c) + d$

Amplitude

Half the height of the graph.

amplitude = $|a|$

Period

The distance that is covered between repeating parts of a graph.

period = $2\pi / |b|$