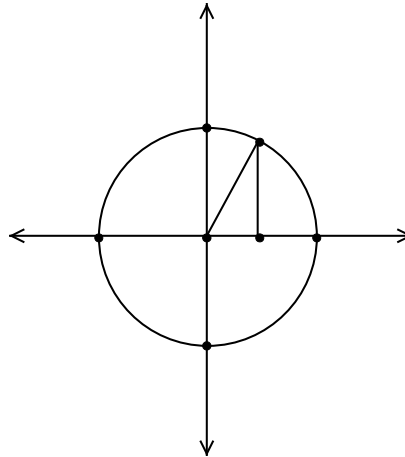


Homework 5 For Math 48C

1) Fill in this table with exact values. Please work these out yourself using a circle diagram and knowledge of special triangles, without looking in the book.



Angle in Radians	0	$\frac{\pi}{6}$	$\frac{\pi}{4}$	$\frac{\pi}{3}$	$\frac{\pi}{2}$	$\frac{2\pi}{3}$	$\frac{3\pi}{4}$	$\frac{5\pi}{6}$	π	$\frac{4\pi}{3}$	$\frac{3\pi}{2}$	$\frac{5\pi}{3}$	$\frac{7\pi}{4}$	2π
Quadrant (I-IV)														
SINE														
COSINE														

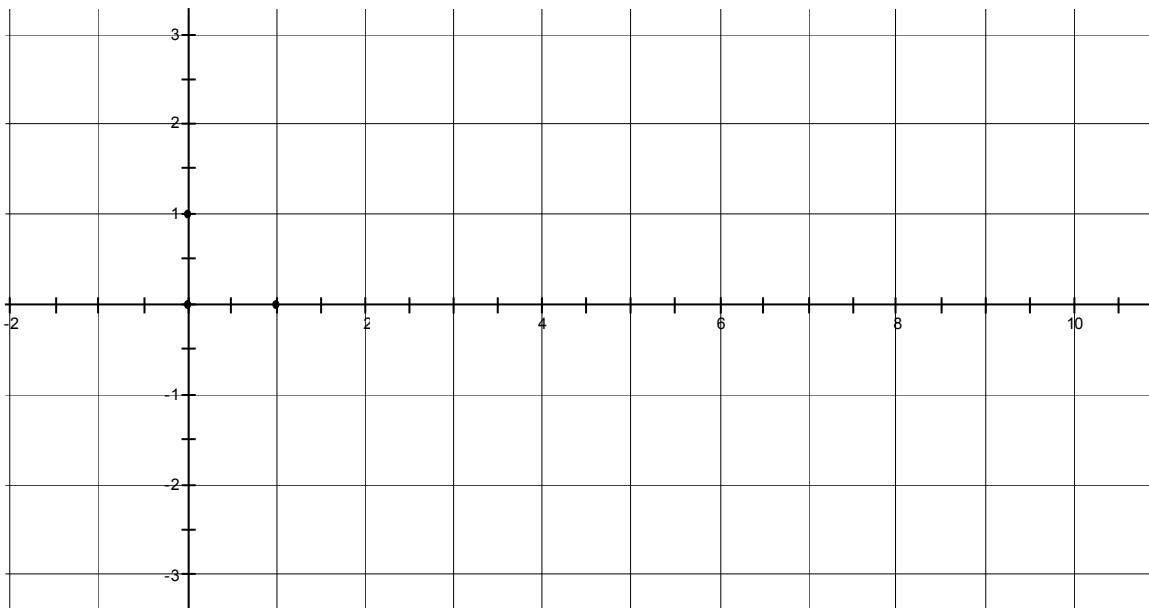
2) Write 5 different angles that the listed reference angle. Do not use this angle as part of your answer

55°

72°

GRAPH THESE FUNCTIONS

3) $f(\theta) = -\sin\left(\theta + \frac{\pi}{2}\right) + 1$



4) $f(\theta) = 2\cos(\theta)$

