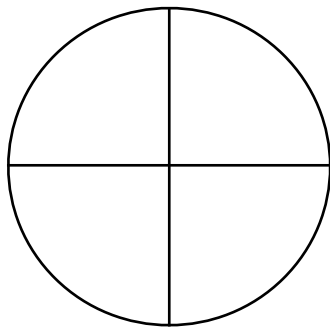


COMPLETE ALL PROBLEMS AS DIRECTED. USE YOUR GRAPHING CALCULATOR TO CONFIRM YOUR SOLUTIONS.

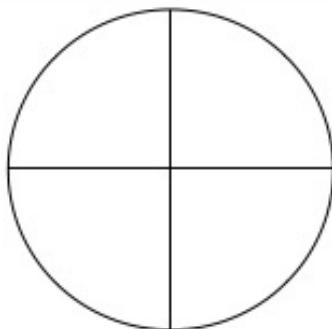
Find ALL solutions

$$4\cos^2(x) - 3 = 0$$



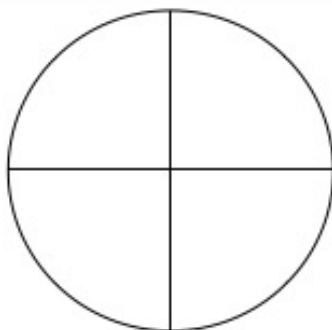
Find ALL solutions

$$\cos^2(x) = 1 - \sin(x)$$

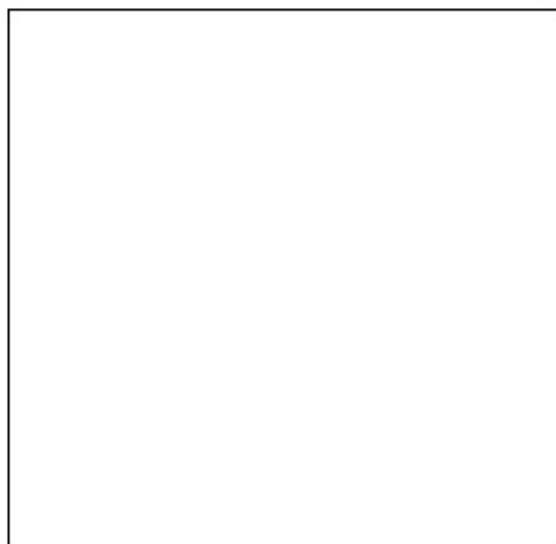
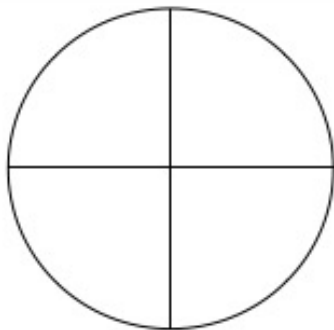


Find ALL solutions

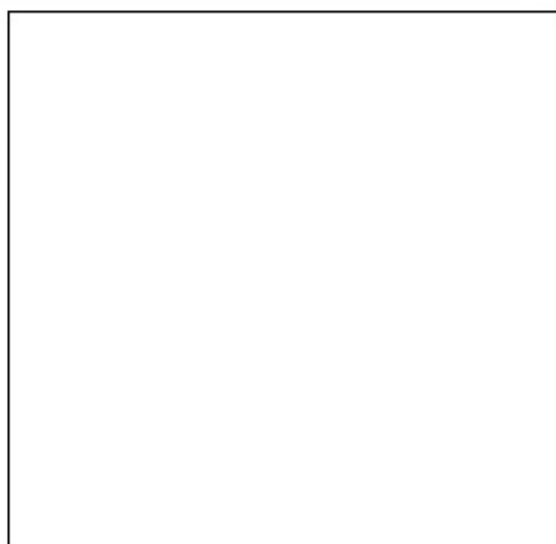
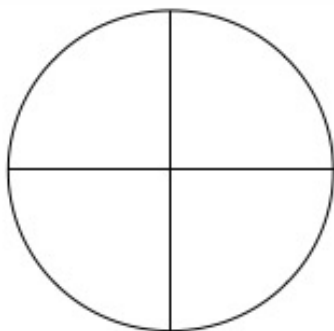
$$2\sin^2(x) - \sin(x) = 3$$



Find solutions over the interval $[0, 2\pi)$
 $\csc^2(\theta) - \csc(\theta) - 2 = 0$



Find solutions over the interval $[0, 2\pi)$
 $\tan^3(\theta) = -\tan(\theta)$



Find solutions over the interval $[0, 2\pi)$
 $\sin(\theta) = \cos(\theta)$

