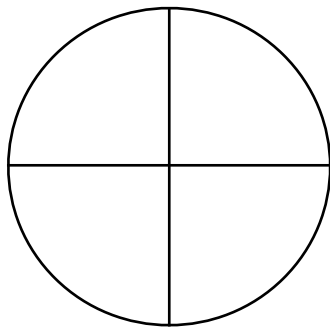
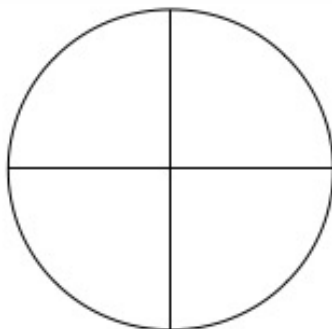


COMPLETE ALL PROBLEMS AS DIRECTED. USE YOUR GRAPHING CALCULATOR TO CONFIRM YOUR SOLUTIONS.

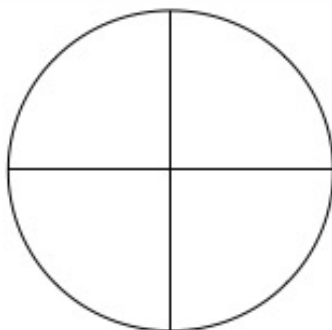
Find ALL solutions
 $\cos(2x) + \sin(x) + 1 = 0$



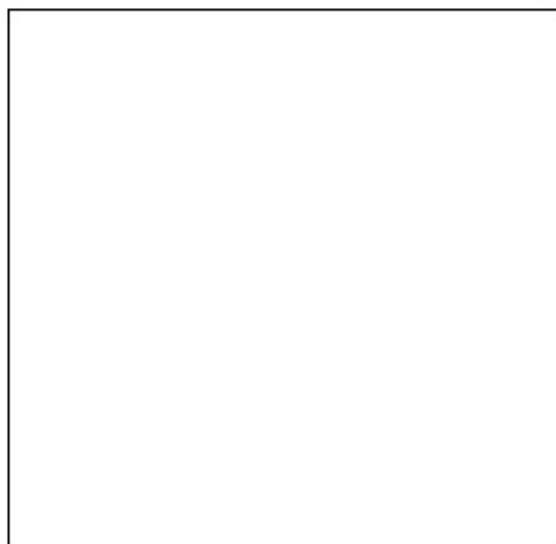
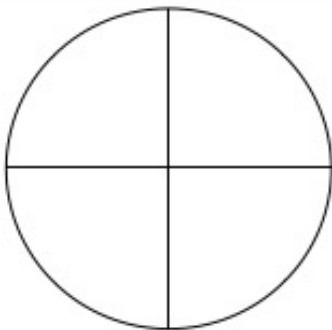
Find ALL solutions
 $\tan(x)\sin(x) = \tan(x)$



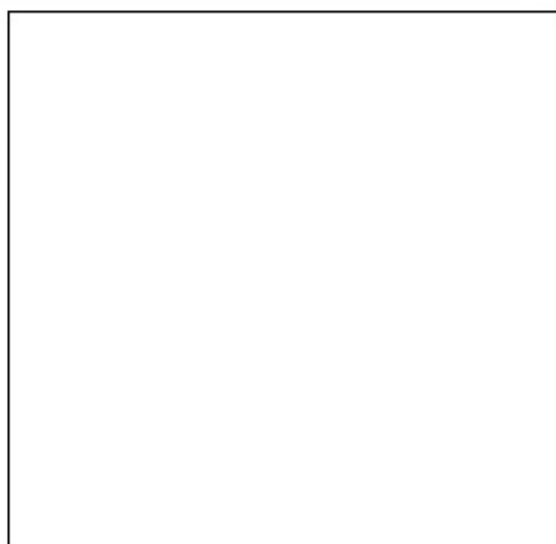
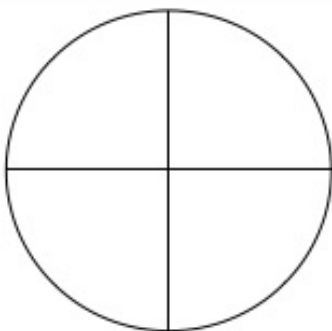
Find ALL solutions
 $-3\csc(x) + 5 = 3$



Find solutions over the interval $[0, 2\pi)$
 $2\cos(3x) - \sqrt{3} = 0$



Find solutions over the interval $[0, 2\pi)$
 $4\sin^2(x) + 4\cos(x) - 5 = 0$



Find solutions over the interval $[0, 2\pi)$
 $\tan^2\left(\frac{x}{2}\right) - 1 = 0$

