

NAME: _____ Score _____/10

Please **print** your name

1. The process of solving an equation (for x) reveals $\cos(x) = 1.707107$ or $\cos(x) = 0.292893$. Find all solutions of the equations. Hint: This is best accomplished with a calculator.

2. Find exact solutions of the equation $\sin^2(x) + 2 \cos(x) = -2$ for $0^\circ \leq x < 360^\circ$