MATH110 - College Trigonometry

Assignment 007

Solve: 2tan Θ cos Θ = √2, (0≤θ<2π)
={(\pi)/(4),(3\pi)/(4)}

Which of the following is an identity?
=sin A sinB=(1)/(2)[cos(A-B)-cos(A+B)]

Which of the following is equivalent to sin x cos y?
=(1)/(2)[sin(x+y)+sin(x-y)]

If cos6\pi cos3\pi =(1)/(2)[cosk+cos3\pi] , then what is the value of k?
=9π

Solve 2cos x – 1 = 0 (where 0 ≤ x < 2π)
={(\pi)/(3),(5\pi)/(3)}