MATH110 - College Trigonometry

Short Quiz 006

Which of the following is not equivalent to cos 2A?
= 2cosA sin A

sin^(-1)(1)/(2)=cos^(-1)(\sqrt(3))/(2)
=True

If (\pi)/(4)=cos^(-1)x , then what is the value of x?
= (\sqrt(2))/(2)

(4sec^(2)\theta -4tan^(2)\theta)/(2sin^(2)\theta +cos^(2)\theta) then what is the value of cos 2A?
=7/25

What are the possible locations of the solutions to y=tan^(-1)(7)/(2)
= QI and QIII

sin (A + B) = sin A cos B + sin B cos A
=True

If there are no restrictions to the values of y, then which of the following is NOT solution to y=cos^(-1)-1
=2pi

tan(A)/(2)=(sinA)/(1+cosA)
=True

Which of the following is an identity?
= sin (A + B) = sin A cos B + cos A sin B

If sinA=(9)/(41) , and A is in the first quadrant, then what is the value of sin 2A?
=720/1681