ANSWERS

A) _____

B) _____

C) _____

*** **All answers should be expressed in <u>degrees</u> over the specified intervals.** ***

A) Solve for x over $-90° < x < 0°$. $\sin(3x) = -\dfrac{1}{2}$

B) Solve for x, where $0° \le x < 360°$. $3(\cot x + \csc x) = 2\sin x$

C) Solve for x over $0° < x < 180°$. $\cos(2x) - (1 - \sin^2 x) < -0.5$