Clicker questions
Week 10 - Class 1

November 3, 2014

Question 1

What is the solution to the equation $cos(x) = 2$.

     A no solution

     B $x = 0, \pm\pi, \pm 2\pi, \dots$

     C $x = \pm\pi/2, \pm 3\pi/2, \dots$

     D I don't understand what the question is asking

Question 2

What is the solution to the equation $sin(x) = 1$.

    A no solution

    B $x = 0, \pm\pi, \pm 2\pi, \ldots$

    C $x = \pm\pi/2, \pm 3\pi/2, \ldots$

    D $x = k\pi$

    E $x = \pi/2 + 2k\pi$

Question 3

What is the solution to the equation $sin(x) = 1/2$, for $x \in [\pi/2, 3\pi/2]$.

     A no solution

     B $x = \pi/6$

     C $x = 5\pi/6$

     D $x = \pi/6 + 2k\pi$

     E $x = 5\pi/6 + 2k\pi$