

Video Quiz 8

Instructions: Show all of your work for full credit and submit by 3:30pm Mon. April 3, 2017.

1. (2 pts.) Find the exact solution(s) to $\sin x = \frac{\sqrt{2}}{2}$ in the interval $[0, \pi]$.

2. (2 pts.) Find the exact solution(s) to $2 \cos \theta - \sqrt{3} = 0$ for $0^\circ \leq \theta < 360^\circ$.

3. (2 pts.) Find the exact solution(s) to $\tan x = 1$ for all real x .

4. (2 pts.) Find the exact solution(s) to $\sin x = \tan x$ for $0 \leq x < 2\pi$.

5. (2 pts.) Find the exact solution(s) to $\cot x = 0$ for all real x .