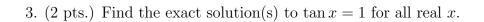
Video Quiz 8

<u>Instructions</u>: 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 soluton(s) to $2\cos\theta - \sqrt{3} = 0$ for $0^{\circ} \le \theta < 360^{\circ}$.



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

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