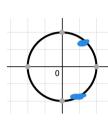
Solve for $0 \le x < 2\pi$

(2)

 $\sec x - \sqrt{2} = 0$ (1) $Secx = \sqrt{2}$ CUSX = 1/2 0/2

 $4\cos^2(x)-1=0$

 $4(05^2(x)=1)$ $(05^2(x)=4)$



< 15 an unteger

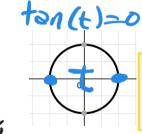
(05(x)=+1/4=+1/2

 $\sin 5x = 1$ (3) $b = 5x = \frac{\pi}{2} 12\pi k$ $x = \frac{\pi}{2} 12\pi k$

Find all solutions:

 $\tan(2x+1) = 0;$ (4)

6=2x+1= #K 2x = 1TK-1 X = 1 TK-1/2



X= 1 1K-1

 $2\cos 4x + \sqrt{3} = 0$ (5)

X=5T+ ttk 7T+TK

 $5\csc(x) - 4 = 3\csc(x)$ (6)

> 2csc(x)=4 sin(x)= 1

