





- (2) Solve the following equations for the given restriction on t. (If no restriction is given, find all solutions) (4 points each)
  - (a) Solve:  $\sin(t) = \frac{1}{2}$  for  $0 \le t < 2\pi$



(b) Solve:  $\cos(t) = -\frac{\sqrt{3}}{2}$  for  $0 \le t < 2\pi$ 



 $t = \frac{6\pi}{6} \frac{7\pi}{6}$ 

t= = ==

t= 211 tik, kan unteger







