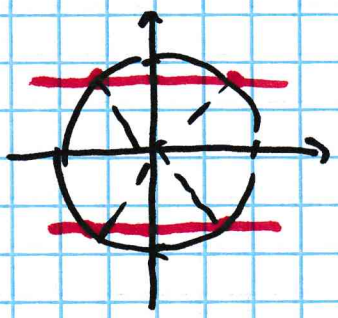
7.4.34 $4\sin^2\theta - 3 = 0$

$4\sin^2\theta = 3$

$\sin^2\theta = 3/4$

$\sin\theta = \sqrt{3}/2$

$\sin\theta = -\sqrt{3}/2$



opt. 1

$\theta = \pi/3 + 2n\pi$, $2\pi/3 + 2n\pi$

$4\pi/3 + 2n\pi$, $5\pi/3 + 2n\pi$

opt. 2

$\theta = \pi/3 + n\pi$, $2\pi/3 + n\pi$

7.4.36

$4\cos\theta + 1 = 0 \Rightarrow \cos\theta = -1/4$

$\theta = \pm\arccos(-1/4) + 2n\pi$