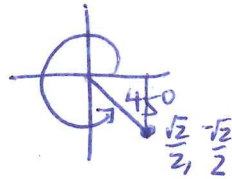


P 215: 26 $t = \frac{7\pi}{4}$

$\cos = \frac{\sqrt{2}}{2}$ $\sec = \frac{2}{\sqrt{2}} = \sqrt{2}$

$\sin = -\frac{\sqrt{2}}{2}$ $\csc = -\frac{2}{\sqrt{2}} = -\sqrt{2}$

$\tan = -1$ $\cot = -1$



36) $\sin(-\frac{8\pi}{3}) = \sin(-\pi - 2\pi + \frac{2\pi}{3})$
 $= \sin(\frac{2\pi}{3})$

$\sin = \frac{\sqrt{3}}{2}$ $\cos = \frac{1}{2}$

38) $\sin(-t) = \frac{3}{8}$
 $\sin(t) = -\frac{3}{8}$
 $\csc(t) = -\frac{8}{3}$

40) $\cos t = \frac{-3}{4}$
 $\cos(-t) = \frac{-3}{4}$
 $\sec(-t) = -\frac{4}{3}$

42) $\cos t = \frac{4}{5}$
 a) $\cos(\pi - t) = -\frac{4}{5}$
 b) $\cos(t + \pi) = -\frac{4}{5}$

48) $\cot(-1.1) =$
 $\frac{1}{\tan(-1.1)} =$
 ≈ -0.5090

54) ~~Find~~ $\cos(-3.5\pi)$
 $= 0$



(set calc. to radians)