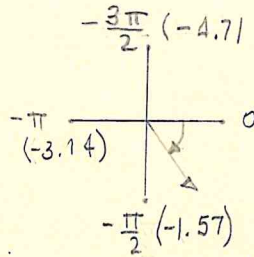


Pg. 261, # 16

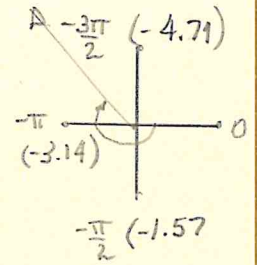
a) $\frac{-5\pi}{12} \approx -1.31$

Quadrant IV



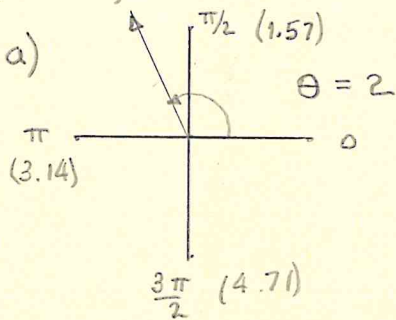
b) $\frac{-13\pi}{9} \approx -4.54$

Quadrant II

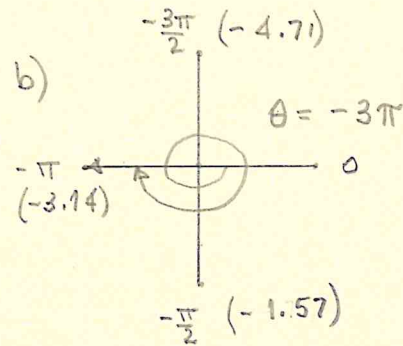


Pg. 261, # 24

a)



b)



Pg. 262, # 48

a) $315^\circ: \frac{\theta^r}{\pi} = \frac{\theta^\circ}{180^\circ} \Rightarrow \theta^r = \frac{315^\circ \pi}{180^\circ} = \boxed{\frac{7\pi}{4}}$

b) $120^\circ: \frac{\theta^r}{\pi} = \frac{\theta^\circ}{180^\circ} \Rightarrow \theta^r = \frac{120^\circ \pi}{180^\circ} = \boxed{\frac{2\pi}{3}}$

Pg. 262, # 62

$$\frac{5\pi}{11}: \frac{\theta^\circ}{360^\circ} = \frac{5\pi/11}{2\pi} \Rightarrow \theta^\circ = \frac{5 \cdot 360}{22} = \boxed{81.818^\circ}$$