

p.146 # 37

a. $x = \frac{5\pi}{8} + \pi k$
 $\frac{7\pi}{8} + \pi k$

b. $x = \frac{\pi}{9} + (2\pi/3)k$
 $\frac{5\pi}{9} + (2\pi/3)k$

c. $x = 2\pi k$

d. $x = \frac{5\pi}{6} + 2\pi k$
 $\frac{7\pi}{6} + 2\pi k$

e. $x = 13.3^\circ + 60^\circ k$

f. $x = 27.8^\circ + 180^\circ k$
 $135.2^\circ + 180^\circ k$

g. $x = -227.5^\circ + 1440^\circ k$
 $787.5^\circ + 1440^\circ k$

h. $x = 37.1^\circ + 120^\circ k$
 $74.9^\circ + 120^\circ k$