7.4 #5-8, *(solve for all solutions)*
   #17-20, *(find 6 solutions)*
   #41, 42, 45-53 *(only find solutions for $0 \le \theta < 2\pi$)*

(check odd answers in book)

CHECK EVEN ANSWERS HERE:

$$0 \quad \pi \quad \frac{\pi}{2} \quad \frac{3\pi}{2} \quad \frac{\pi}{4} \quad \frac{7\pi}{4} \quad \frac{\pi}{6} \quad \frac{5\pi}{6} \quad \frac{7\pi}{6} \quad \frac{7\pi}{6} \quad \frac{11\pi}{6} \quad \frac{11\pi}{6}$$

$$-\frac{5\pi}{3} \quad -\frac{2\pi}{3} \quad -\frac{\pi}{3} \quad -\frac{\pi}{3} \quad \frac{\pi}{3} \quad \frac{4\pi}{3} \quad \frac{5\pi}{3} \quad \frac{5\pi}{3} \quad \frac{7\pi}{3} \quad \frac{10\pi}{3} \quad \frac{11\pi}{3} \quad \frac{11\pi}{3}$$

$$\frac{5\pi}{4} + 2k\pi \qquad \frac{7\pi}{4} + 2k\pi \qquad \frac{\pi}{6} + 2k\pi \qquad \frac{11\pi}{6} + 2k\pi \qquad \text{no solution}$$

HINT: #50 has 6 solutions!! (use ± when applying square root to equation)

PROBLEM	# OF SOLUTIONS
41.	2
42.	3
45.	2
46.	1
47.	0
48.	0
49.	1
50.	6
51.	4
52.	2
53.	2