

SM3H 8.6 odd answers

1. $x = \frac{2\pi}{3} + 4\pi k, x = \frac{10\pi}{3} + 4\pi k,$

3. $x = \frac{\pi k}{4}$

5. $x = 120^\circ, 150^\circ, 300^\circ, 330^\circ$

7. $x = 22.5^\circ, 157.5^\circ, 202.5^\circ, 337.5^\circ$

9. $x = \frac{\pi}{6}, \frac{5\pi}{6}, \frac{7\pi}{6}, \frac{11\pi}{6}$

11. $x = \frac{\pi}{3}$

13. $x = 0, \pi$

15. $x = \frac{\pi}{3}, \frac{5\pi}{3}, \pi$

17. $x = 0, \pi, 0.3, 2.8$

19. $x = \frac{\pi}{6}, \frac{5\pi}{6}, 5.9, 3.5$

21. $x = 26.6^\circ, 153.4^\circ, 206.6^\circ, 333.4^\circ$

23. $x = 138.6^\circ, 221.4^\circ, 48.2^\circ, 311.8^\circ$

25. $x = \frac{23\pi}{12}, \frac{7\pi}{12}$

27. $x = \pi, \frac{5\pi}{3}$