

SM3 7.3 answers

1. $n = 1$

2. $x = -2$

3. $n = 4$

4. $n = 1$

5. $\theta = 45^\circ, 315^\circ$

6. $\theta = 210^\circ, 330^\circ$

7. $\theta = 135^\circ, 315^\circ$

8. $\theta = 240^\circ, 300^\circ$

9. $\theta = 135^\circ, 225^\circ$

10. $\theta = 60^\circ, 240^\circ$

11. $\theta = \frac{\pi}{3}, \frac{2\pi}{3}$

12. $\theta = \frac{3\pi}{4}, \frac{7\pi}{4}$

13. $\theta = \frac{\pi}{2}, \frac{3\pi}{2}$

14. $\theta = \frac{\pi}{3}, \frac{4\pi}{3}$

15. $\theta = \frac{\pi}{2}, \frac{3\pi}{2}$

16. $\theta = \frac{5\pi}{4}, \frac{7\pi}{4}$