More Unit Circle!! – Answers

1. 990° 2. $\frac{21\pi}{10}$ 3. 210° 4. $-\frac{17\pi}{5}$ 5. -648° 6. $-\frac{17\pi}{6}$ 7. -255° 8. $\frac{21\pi}{5}$

9. $\sqrt{3}$ 10. 1 11. undef 12. -1 13. $\frac{1}{2}$ 14. 0 15. -1

16. $-\frac{1}{2}$ 17. $\frac{\sqrt{2}}{2}$ 18. $\sqrt{3}$ 19. $\frac{1}{2}$ 20. $\frac{\sqrt{3}}{2}$ 21. $\frac{\sqrt{2}}{2}$ 22. $\frac{\sqrt{2}}{2}$

23. $-\frac{\sqrt{2}}{2}$ 24. $-\sqrt{3}$

25. $\theta = -\frac{11\pi}{6}, -\frac{7\pi}{6}, \frac{\pi}{6}, \frac{5\pi}{6}$

26. $\theta = -315^\circ, -45^\circ, 45^\circ, 315^\circ$

27. $\theta = -120^\circ, -60^\circ, 240^\circ, 300^\circ$

28. $\theta = -240^\circ, -120^\circ, 120^\circ, 240^\circ$

29. $\cos\theta = -\frac{3\pi}{2}, -\frac{\pi}{2}, \frac{\pi}{2}, \frac{3\pi}{2}$

30. $\theta = -90^\circ, 270^\circ$

31. $\theta = -\frac{5\pi}{4}, -\frac{3\pi}{4}, \frac{3\pi}{4}, \frac{5\pi}{4}$

32. $\theta = -150^\circ, -30^\circ, 210^\circ, 330^\circ$