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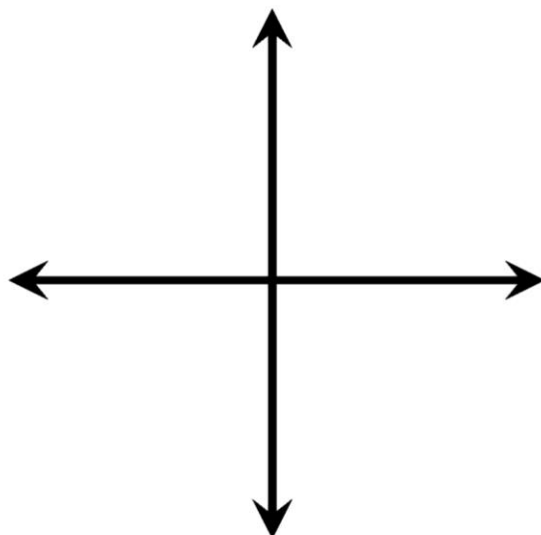
Unit Circle 1 – Coterminal Angles, Reference Angles, and Radians

Find the coterminal angles for each angle such that $0^\circ < \theta < 360^\circ$.

1. -881°	2. -575°	3. 385°	4. 1164°
5. -454°	6. 783°	7. -140°	8. -1036°
9. -223°	10. 303°	11. -719°	12. -944°

Find the corresponding reference angle.

1. 120°	2. 300°	3. 240°	4. 330°
5. 210°	6. 274°	7. 100°	8. 226°
9. 132°	10. 337°	11. 78°	12. 268°
13. 306°	14. 52°	15. 197°	16. 176°



Convert each degree measure to exact radian measure.

17. 120°	18. 270°	19. 75°
20. 45°	21. 150°	22. 225°
23. 330°	24. 300°	25. 180°
26. 240°	27. 15°	28. 60°

Convert each radian measure to degree measure.

29. $\frac{29\pi}{36}$	30. $\frac{17\pi}{12}$	31. $\frac{8\pi}{9}$
32. $\frac{56\pi}{36}$	33. $\frac{5\pi}{8}$	34. $\frac{2\pi}{3}$
35. $\frac{2\pi}{9}$	36. $\frac{47\pi}{180}$	37. $\frac{\pi}{180}$
38. $\frac{17\pi}{45}$	39. $\frac{23\pi}{90}$	40. 77π