

EVALUATING TRIG FUNCTIONS

Find the value of each of the following:

1. $\sin \frac{3\pi}{4} =$

2. $\cos 2\pi =$

3. $\tan \frac{7\pi}{6} =$

4. $\sin(-3\pi) =$

5. $\cos \frac{5\pi}{3} =$

6. $\tan \frac{5\pi}{4} =$

7. $\sin 8\pi =$

8. $\cos \frac{11\pi}{3} =$

9. $\tan \frac{\pi}{4} =$

10. $\sin \frac{2\pi}{3} =$

11. $\cos(-\frac{5\pi}{6}) =$

12. $\tan(-\frac{2\pi}{3}) =$

13. $\sin(-\frac{\pi}{6}) =$

14. $\cos \frac{12\pi}{3} =$

15. $\tan \frac{7\pi}{3} =$

16. $\sin(-\frac{11\pi}{6}) =$

17. $\cos(-\frac{15\pi}{4}) =$

18. $\tan(-\frac{5\pi}{3}) =$

19. $\sin(-\frac{\pi}{4}) =$

20. $\cos 0 =$

21. $\csc \frac{5\pi}{6} =$

22. $\sec \frac{7\pi}{3} =$

23. $\cot \frac{2\pi}{3} =$

24. $\csc \frac{11\pi}{3} =$

25. $\sec(-\frac{\pi}{6}) =$

26. $\cot \frac{3\pi}{4} =$

27. $\csc(-\frac{7\pi}{4}) =$

28. $\sec(-\frac{2\pi}{3}) =$

29. $\cot \frac{11\pi}{6} =$

30. $\csc(-\frac{7\pi}{3}) =$

31. $\sec \frac{3\pi}{4} =$

32. $\cot(-\frac{11\pi}{4}) =$

33. $\csc(-\frac{\pi}{3}) =$

34. $\sec(-\frac{21\pi}{3}) =$

35. $\cot(-\frac{10\pi}{5}) =$

36. $\sin \frac{5\pi}{3} =$

37. $\sec \frac{\pi}{2} =$

38. $\cot \pi =$

39. $\csc \frac{11\pi}{2} =$

40. $\csc(-\frac{\pi}{6}) =$

41. $\tan(-\frac{3\pi}{2}) =$

42. $\cos \frac{7\pi}{6} =$

43. $\cot(-\frac{5\pi}{4}) =$

44. $\sin \frac{11\pi}{4} =$

45. $\sec 2\pi =$