

Find the exact value of each of the trigonometric functions.

1. $\sin 135^\circ$

2. $\cos 120^\circ$

3. $\tan 150^\circ$

4. $\cos \frac{2\pi}{3}$

5. $\tan \pi$

6. $\sin \frac{3\pi}{4}$

7. $\sec 150^\circ$

8. $\csc 45^\circ$

9. $\cot 300^\circ$

10. $\cot \frac{5\pi}{3}$

11. $\sec \frac{5\pi}{6}$

12. $\csc \frac{11\pi}{6}$

13. $\sin 240^\circ$

14. $\sin 90^\circ$

15. $\sin \frac{7\pi}{6}$

16. $\cos \frac{10\pi}{3}$

17. $\cos 315^\circ$

18. $\cos 0$

19. $\tan \frac{7\pi}{4}$

20. $\tan \frac{3\pi}{2}$

21. $\tan 270^\circ$

22. $\csc \frac{\pi}{4}$

23. $\sec 180^\circ$

24. $\cot \frac{\pi}{3}$

