

Find each of the following. Round your answer to 4 decimal places.

1. $\sin 198^\circ 14' 17''$

2. $\cos (-239.43^\circ)$

3. $\tan \frac{17\pi}{19}$

4. $\cot 281.29^\circ$

5. $\sec\left(-\frac{5\pi}{7}\right)$

6. $\csc 16^\circ 29'$

7. $\sin 4.8$

8. $\cos\left(\frac{15\pi}{8}\right)$

9. $\tan (-39.72^\circ)$

10. $\csc\left(-\frac{7\pi}{3}\right)$

11. $\sec 29^\circ 42' 37''$

12. $\cot (-2.3)$

13. $\cos 5.9$

14. $\csc (-3.7)$

15. $\cot (-143^\circ 42' 57'')$

Find the measure of each angle θ in degrees . Round your answer to the nearest minute.

16. $\cos \theta = -0.8123$

17. $\tan \theta = 2.1091$

18. $\csc \theta = 1.1033$

19. $\cot \theta = -0.7523$

20. $\sec \theta = -1.1173$

21. $\sin \theta = -0.5146$

Find the measure of each angle θ in degrees . Round your answer to hundredths place.

22. $\sin \theta = 0.9572$

23. $\tan \theta = 0.4046$

24. $\sec \theta = 2.5673$

25. $\cos \theta = -0.5432$

26. $\csc \theta = -1.2345$

27. $\cot \theta = 0.9876$