

Change each degree measure to radian measure.

1. 140°

2. -860°

3. 1200°

4. -300°

5. -405°

6. 280°

Change each radian measure to degree measure.

7. $\frac{-3\pi}{5}$

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

9. $\frac{2\pi}{7}$

10. $-\frac{4}{2}\pi$

11. $\frac{-12\pi}{5}$

12. $\frac{8\pi}{5}$

13. $\frac{3\pi}{2}$

14. $\frac{\pi}{5}$

15. $-\frac{\pi}{3}$

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Find the exact value of each trigonometric function.

1. $\tan(-510^\circ)$

2. $\csc \frac{11\pi}{4}$

3. $\sin(-90^\circ)$

4. $\cot 1665^\circ$

5. $\cot 30^\circ$

6. $\tan 315^\circ$

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

8. $\tan \frac{4\pi}{3}$

9. $\cot 1110^\circ$

10. $\cos 270^\circ$

11. $\csc(-45^\circ)$

12. $\sin 30^\circ$

13. $\sec 2\pi$

14. $\cot(-30^\circ)$

15. $\csc 3\pi$