

Directions: Identify one equivalent value for each of the following radian measures.

1. $\frac{11\pi}{2} =$ _____

2. $\frac{9\pi}{4} =$ _____

3. $6\pi =$ _____

4. $7\pi =$ _____

Directions: Identify the value of each trigonometric function at the given radian value.

5. $\cos 0 =$ _____

6. $\sin \frac{5\pi}{6} =$ _____

7. $\cos \frac{\pi}{4} =$ _____

8. $\sin \frac{4\pi}{3} =$ _____

9. $\sin \frac{9\pi}{2} =$ _____

10. $\cos \frac{2\pi}{3} =$ _____

11. $\sin 8\pi =$ _____

12. $\cos 5\pi =$ _____

13. $\cos \frac{7\pi}{6} =$ _____

14. $\sin \frac{5\pi}{3} =$ _____

15. $\cos \frac{7\pi}{2} =$ _____

16. $\sin \frac{13\pi}{4} =$ _____