

Trigonometric Functions of Special Angles – AnswersWorksheet ID: **1**

1. $\sec\left(-\frac{5\pi}{6}\right) = -\frac{2\sqrt{3}}{3}$

6. $\cot\left(-\frac{3\pi}{2}\right) = 0$

11. $\csc\left(-\frac{11\pi}{6}\right) = 2$

2. $\csc\left(-\frac{4\pi}{3}\right) = \frac{2\sqrt{3}}{3}$

7. $\cot\frac{3\pi}{2} = 0$

12. $\sin\frac{3\pi}{4} = \frac{\sqrt{2}}{2}$

3. $\sin 2\pi = 0$

8. $\csc\frac{\pi}{4} = \sqrt{2}$

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

4. $\sec\frac{5\pi}{4} = -\sqrt{2}$

9. $\sin\frac{11\pi}{6} = -\frac{1}{2}$

14. $\sin\frac{3\pi}{2} = -1$

5. $\sec\left(-\frac{4\pi}{3}\right) = -2$

10. $\cot\frac{\pi}{4} = 1$

15. $\sin\left(-\frac{7\pi}{6}\right) = \frac{1}{2}$