

Trigonometry Worksheet 4 - Answers

1. Find $\cos(-30^\circ)$.

$$\frac{\sqrt{3}}{2}.$$

2. Find $\tan(-45^\circ)$.

$$-\frac{\sqrt{2}}{2}.$$

3. Find $\sin(480^\circ)$.

$$-\frac{\sqrt{3}}{2}.$$

4. Find $\sin\left(\frac{\pi}{3}\right)$.

$$-\frac{\sqrt{3}}{2}.$$

5. Find $\sec\left(-\frac{\pi}{4}\right)$.

$$\sqrt{2}.$$

6. Find $\cos(-120^\circ)$.

$$-\frac{1}{2}.$$

7. Find $\cot\left(\frac{7\pi}{4}\right)$.

$$-1.$$

8. Find $\cos\left(\frac{8\pi}{3}\right)$.

$$-\frac{1}{2}.$$

9. Find $\tan\left(\frac{15\pi}{4}\right)$.

$$-\frac{\sqrt{2}}{2}.$$

10. Find $\sin(390^\circ)$.

$$\frac{1}{2}.$$