

(b) $4 \sin \theta - 2 \csc \theta = 0$

(c) $3 \cot^2 \theta - 1 = 0.$

(d) $2\cos^2\theta + \sin\theta - 1 = 0$

(e) $\sin\theta - \cos\theta = 1$ (this one is tricky)

4. Given $\sin \theta = -\frac{7}{8}$ and $\pi \leq \theta \leq \frac{3\pi}{2}$, find the values of the other five trigonometric functions.

5. Given $\cot \theta = -3$ and $\frac{3\pi}{2} \leq \theta \leq 2\pi$, find the values of the other five trigonometric functions.