Name : _____

Pythagorean Identities

L1S1

1) If $\cos x = -\frac{8}{17}$ and $\pi \le x \le \frac{3\pi}{2}$, find $\sin x$.

2) If $\sec x = \frac{13}{12}$ and $270^0 \le x \le 360^0$, find $\cot x$.

3) If $\csc x = \frac{\sqrt{6}}{2}$ and x lies in quadrant I, find $\cos x$.

4) If $\tan x = -\frac{3}{4}$ and $90^0 \le x \le 180^0$, find $\csc x$.