

- 1) Watch this video: https://youtu.be/9AQM_n85cK0
 2) Write down the identities in terms of $\sin(\theta)$, $\cos(\theta)$ or both.

- a) $\csc(\theta)$ b) $\sec(\theta)$ c) $\tan(\theta)$ d) $\cot(\theta)$

3) Write down the Pythagorean identity: $\sin^2(\theta) + \cos^2(\theta) =$ _____

a) If you subtract $\cos^2(\theta)$ from both sides, then $\sin^2(\theta) =$ _____

b) If you subtract $\sin^2(\theta)$ from both sides, then $\cos^2(\theta) =$ _____

4)

	$\csc(x)\tan(x)$	$\sec(x)$
Rewrite in terms of $\sin(x)$ and $\cos(x)$ only.		
Simplify		
Are the 2 columns equal?		