9.1 Trig Identities Notes

EQ: How do I use trigonometric identities to transform expressions?

What are the reciprocal and quotient identities?	
How do I prove the Pythagorean identities?	
How do I transform trig expressions?	1. Transform $\sin x \cot x$ to $\cos x$

2. Transform $\sin x \sec x \cot x$ to 1

3. Transform $(\cos x - \sec x)^2$ to $\tan^2 x - \sin^2 x$

4. Transform $\tan x + \cot x$ to $\csc x \sec x$

Summary