**Precalculus**

**Trigonometric Identities**

 **3 main Pythagorean Identities**.







**For #2-5, express in terms of sin x and cos x.**

2. sec x = $\frac{1}{\cos(x)}$ 3. csc x = $\frac{1}{\sin(x)}$

4. tan x = $\frac{\sin(x)}{\cos(x)}$ 5. cot x = $\frac{\cos(x)}{\sin(x)}$