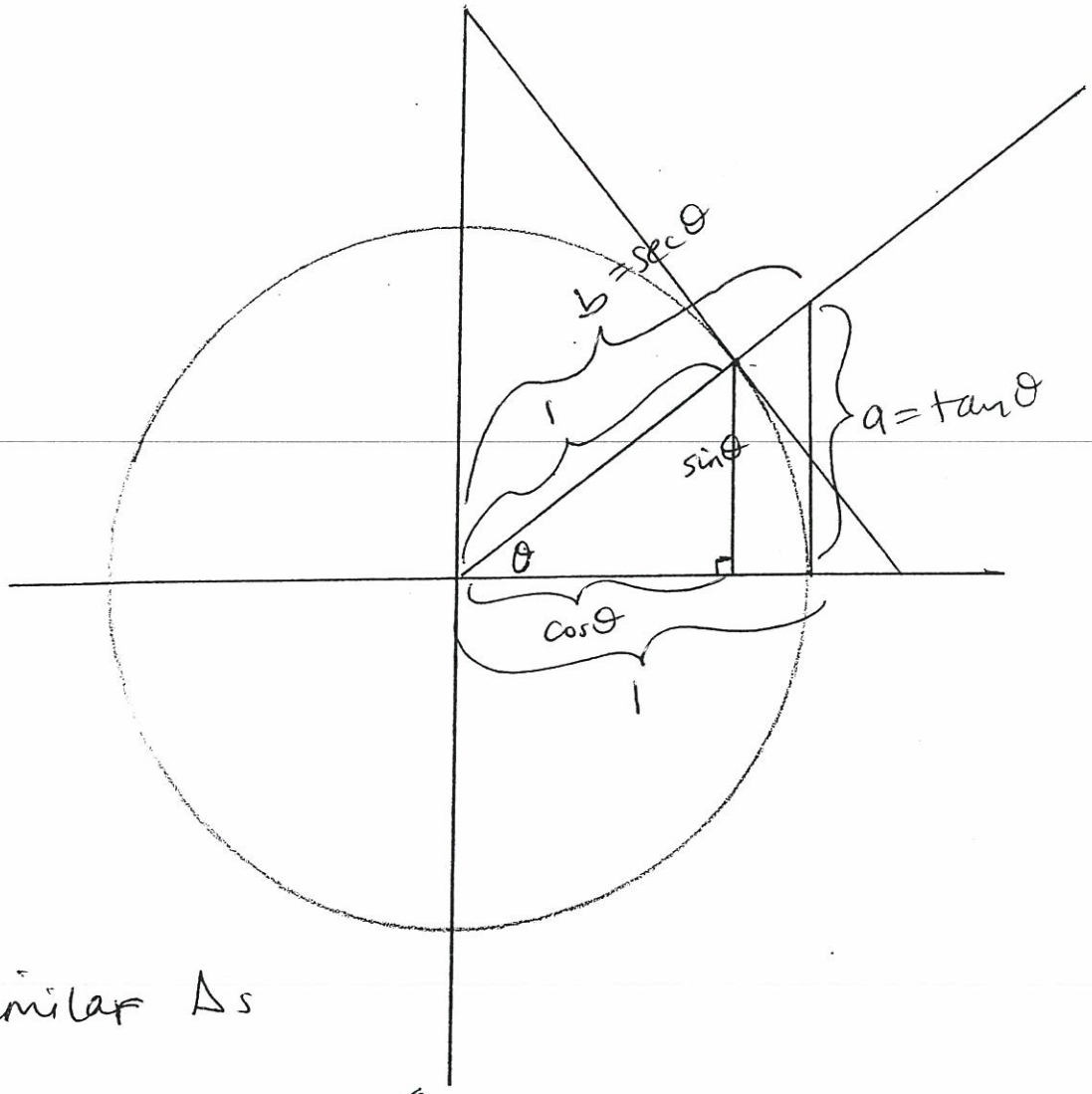
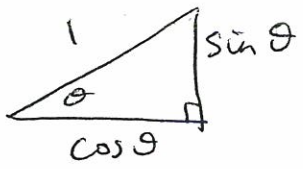
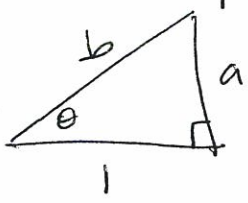


Two similar Δs





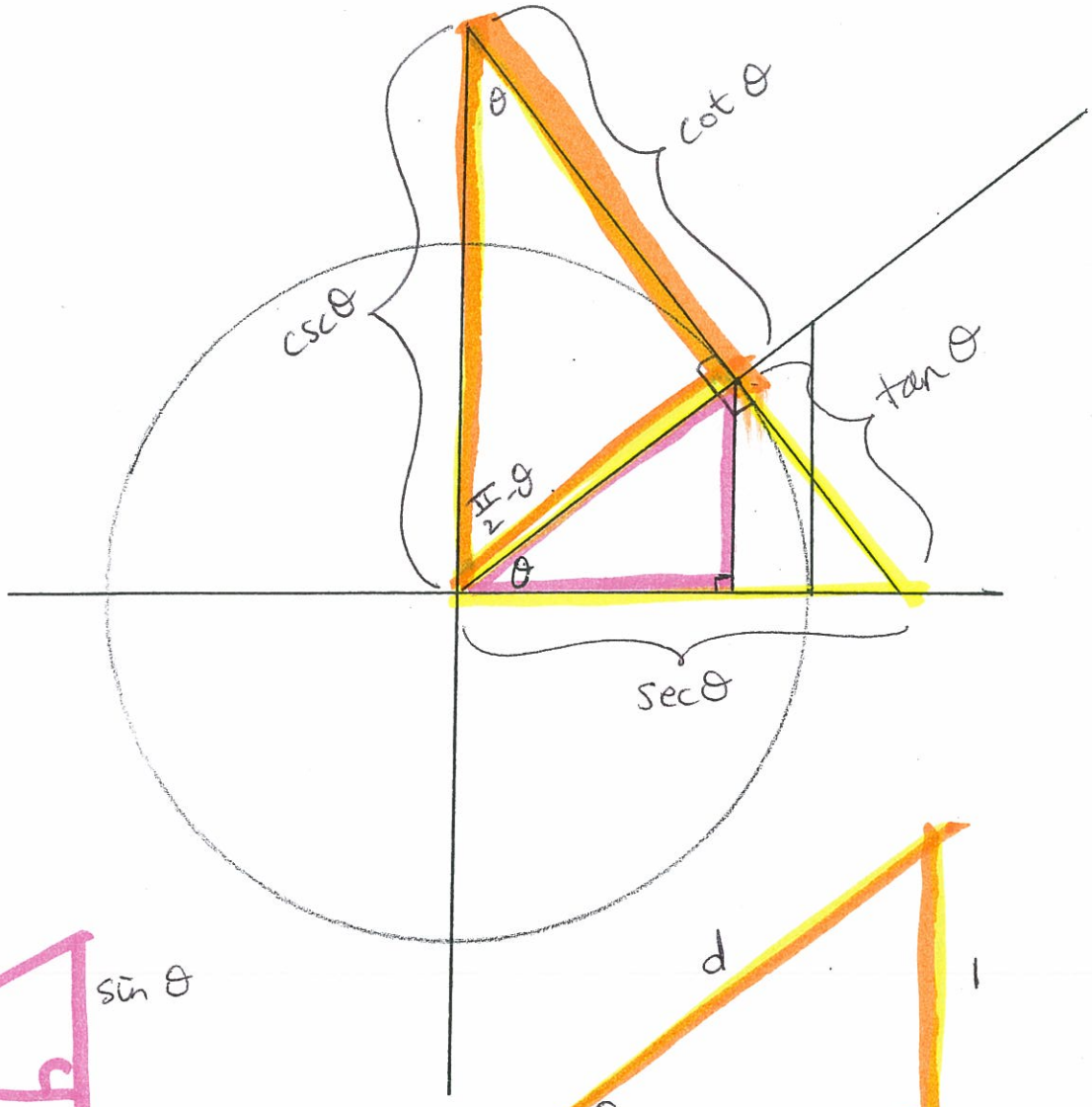
$$\Rightarrow \frac{1}{b} = \frac{\cos\theta}{1}$$

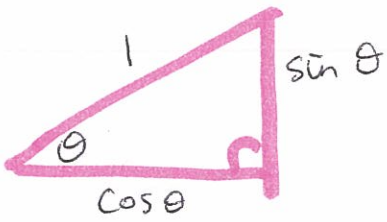
$$\Leftrightarrow b = \frac{1}{\cos\theta} = \sec\theta$$

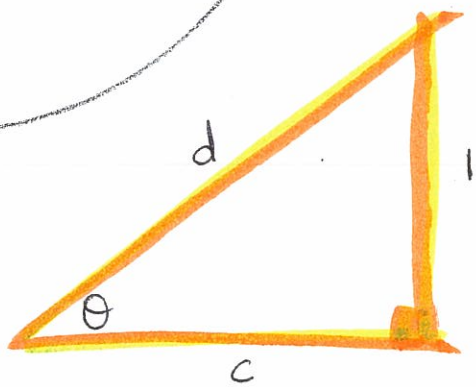
and

$$\frac{a}{\sin\theta} = \frac{1}{\cos\theta}$$

$$\Leftrightarrow a = \frac{\sin\theta}{\cos\theta} = \tan\theta$$

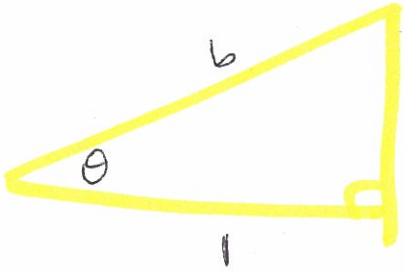






$$\frac{c}{\cos\theta} = \frac{1}{\sin\theta}$$

$$\Leftrightarrow c = \frac{\cos\theta}{\sin\theta} = \cot\theta$$



From page ①, we already know

$a = \tan\theta$ and $b = \sec\theta$

$$\frac{d}{1} = \frac{1}{\sin\theta} \Leftrightarrow d = \csc\theta$$