$$\sec^{2} x - \tan x \cot x = \tan^{2} x$$

$$\sec^{2} x - \frac{\sinh x}{\cosh x} = \frac{\cosh^{2} x}{\sinh x} = \frac{1}{1}$$

$$\frac{\sec^{2} x - 1}{\tan^{2} x + 1} = \frac{1}{1}$$

$$\frac{\sin A}{\csc A} + \frac{\cos A}{\sec A} = \csc^{2} A - \cot^{2} A$$

$$\frac{\sinh A}{\frac{1}{\sin A}} + \frac{\cosh A}{\frac{1}{\sin A}} = \frac{1 + \cot^{2} A}{- \cot^{2} A}$$

$$S_{10}^{2} A + \cos^{2} A = \frac{1}{1}$$

$$\frac{7 \sin \theta + 5 \cos \theta}{\sin \theta \cos \theta} = 7 \sec \theta + 5 \csc \theta$$

$$\frac{7 \sin \theta + 5 \cos \theta}{\sin \theta \cos \theta} = \frac{7}{\sin \theta} + \frac{5 \cos \theta}{\sin \theta \cos \theta} = \frac{7}{(\theta + \theta)} + \frac{5}{(\theta + \theta)} = \frac{7}{(\theta + \theta)} + \frac{5}{(\theta + \theta)} = \frac{7}{(\theta + \theta)}$$

$$7 \sec \theta + 5 \csc \theta = 7 \sec \theta + 5 \csc \theta$$

$$\frac{7 \sin \theta}{(\theta + \theta)} = \frac{7}{(\theta + \theta)}$$