

Lesson 7.6 – Even More Trig Proof Problems!

1. 
$$\frac{\sin(4t) - \sin(2t)}{\cos(4t) + \cos(2t)} = \tan t$$

2. 
$$\frac{\sin(2x)}{\sin x + \cos x - 1} = \sin x + \cos x + 1$$

3.  $\frac{\sin \theta + \sin(3\theta)}{\cos \theta + \cos(3\theta)} = \tan(2\theta)$