

Math-19 Section 1  
Homework #10  
**Due: 8/9/2019 9:00am**

**Reading**

Sections 7.1–7.5

**Problem**

Consider the following trigonometric equation:

$$2 \tan(x) + \sec^2(x) = 4$$

Find the solution set for  $x$ . Be sure to include *all* possible solutions without duplication.