Dawson (College.	Functions and	Trigonometry.	201-009-50-S2:	Winter 2009
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Name:	
Student ID:	

Quiz 11

This quiz is graded out of 10 marks. No books, calculators, notes or cell phones are allowed. You must show all your work, the correct answer is worth 1 mark the remaining marks are given for the work. If you need more space for your answer use the back of the page.

Question 1. pg.198#27 (5 marks) Verify the following identity:

$$\frac{2\cot\theta}{\csc^2\theta} = \sin 2\theta$$

Question 2. pg.203#2f (5 marks) Solve for x where $0 \le x < 2\pi$, giving the exact solutions:

$$4\cos^2 x - 3 = 0$$