Dawson ('allege	Functions and	Trigonometry :	201-009-50)_C1 · W	inter 2008
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Name:	
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Quiz 7

This quiz is graded out of 10 marks. No books, notes, graphing calculators 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.133#78 (6 marks)

Graph each pair of functions on the same axes, with y = x:

$$y = 3^x + 1$$
 and $y = \log_3(x - 1)$

Question 2. pg.142#36 (4 marks)

Express as a single logarithm with coefficient of one:

$$\frac{1}{2}\log x + \frac{3}{2}\log 2y - \log x^2 y$$