Dawson	College:	Calculus I:	201-N	YA-05	S17
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September 9, 2011

Last Name:

First Name:

Student ID:

## Quiz 2 (A)

Question 1. (4 marks) Simplify the following expression:

$$\frac{(x^2+1)^{1/2}-2x^2(x^2+1)^{-1/2}}{1-x^2}$$

Question 2. (4 marks) Rationalize the numerator:

$$\frac{1+\sqrt{x+2}}{\sqrt{x+2}}$$

Question 3. (2 marks) Factor the following expression:

$$(x-1)^3-8$$