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	September 9, 2011		
Last Name:			
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Quiz 2 (B)

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

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

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

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

Question 3. (4 marks) Rationalize the numerator:

$$\frac{\sqrt{x+3}-\sqrt{x}}{3}$$