

LAST NAME:

FIRST NAME:

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**Math 65B - Summer 2016**

Quiz 7: Tuesday June 28, 2016

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1. (1 point) Evaluate the integral:

$$\int \frac{x^3}{\sqrt{x^2 + 9}} dx$$

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Please, show all work.

2. (1 point) Evaluate the integral (*Hint: Use do a substitution, then use partial fractions*):

$$\int \frac{1}{x\sqrt{x+1}} dx$$

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**Please, show all work.**