Math 65B - Summer 2016

Quiz 7: Tuesday June 28, 2016

1. (1 point) Evaluate the integral:

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

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

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

Please, show all work.