

Attendance Quiz #8 for Dr. Z.'s Calc2 for Oct. 8, 2012

NAME: (print!) _____ Section: _____

E-MAIL ADDRESS: (print!) _____

1. Determine whether the following integral is convergent or divergent. Evaluate it, if it is convergent.

$$\int_1^{\infty} \frac{1}{(2x+1)^3} dx$$

2. Determine whether the following integral is convergent or divergent. Evaluate it, if it is convergent.

$$\int_0^1 x^{-\frac{1}{3}} dx$$