

Name:

Math 10a
October 30, 2014
Quiz #7

1. $\int_0^1 3x^2 dx$

2. $\int_0^\pi \sin(x) dx$

3. $\int_1^{e^3} \frac{1}{x} dx$

4. $\int_0^2 x^3 dx$

5. $\int_{-\pi/2}^{\pi/2} \left(\sin(\theta) + \frac{5}{2} \right) \cos(\theta) d\theta$

$$6. \int_{-2}^{e^6-3} \frac{1}{x+3} dx.$$

$$7. \int_{-2/7}^{-1/10} \frac{1}{x^2} dx$$

$$8. \int_0^{15} \frac{\sqrt{x+1}}{6} dx.$$

$$9. \int_1^{3/2} 112(4x-5)^6 dx$$

$$10. \int_0^1 \frac{8x}{1+x^4} dx$$