

Quiz 2

Name: _____

Row: _____

1. Evaluate the indefinite integrals. Remember to express your answer as a function of x .

a. $\int \frac{\cos x}{(1 + \sin x)^2} dx$

a. $\int x\sqrt{2x + 1} dx$

2. Find the area of the region between the graphs $y = x^2$ and $y = x/3$ (see diagram). You need not simplify your answer.