MATH 251: Practice 13

June 18, 2015

Name: _____

Compute the following integrals.

$$\iint_{\mathcal{R}} 2x + 3y^2 \ dA \qquad \text{over } \mathcal{R} = [0,3] \times [1,2]$$

$$\int_0^2 \int_0^1 x \sin(xy) \ dx \ dy$$