

Jessenia bello

Quiz12

Question1)

$$\int_{-1}^1 \int_1^2 (x+y^2) dx dy$$
$$\int_{-1}^1 (x+y^2) dx = 2y^2 = \int_1^2 (2y^2) dy = \frac{14}{3} = 4.6$$

Question 2)

$$\int_1^2 \int_{-1}^1 (x^2y/x^3+1) dx dy$$

$$\int_{-1}^1 y^{1/3} \ln 2 dy = 0$$