

Avery Turnbull

Quiz12

1)

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

$$\int_{-1,1} (x+y^2) dx = 2y^2 = \int_{1,2} (2y^2) = 14/3$$

2)

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

$$\int_{-1,1} y(1/3) \ln 2 dy \rightarrow 0$$