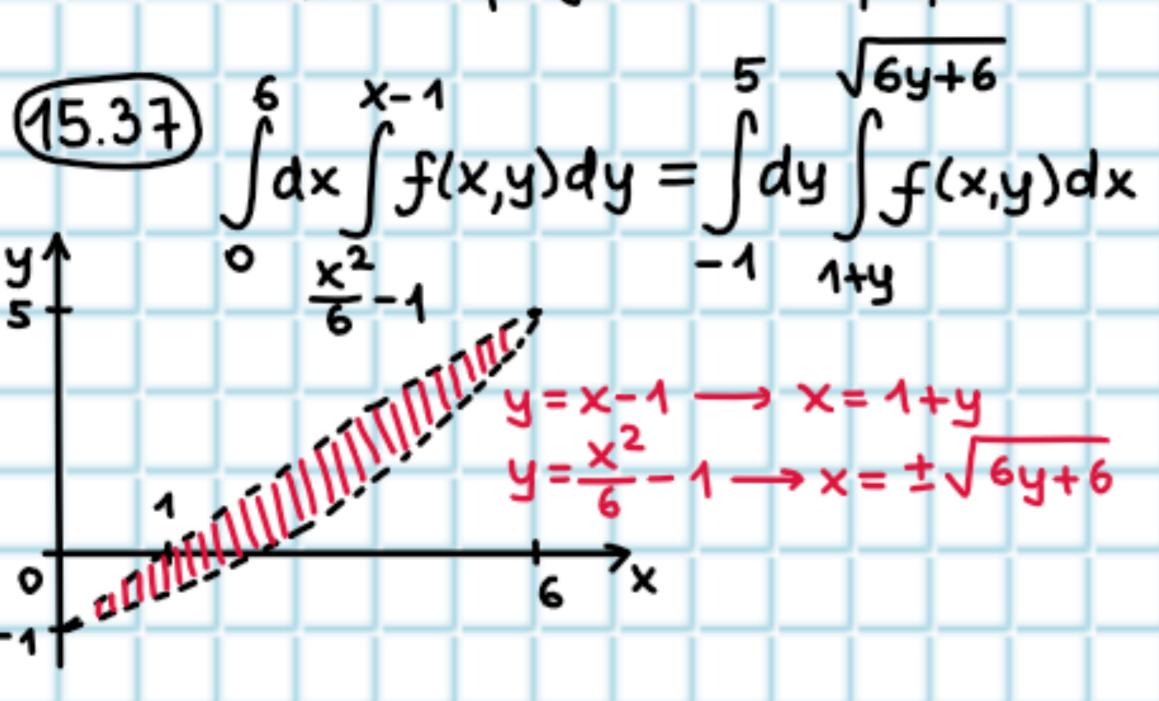
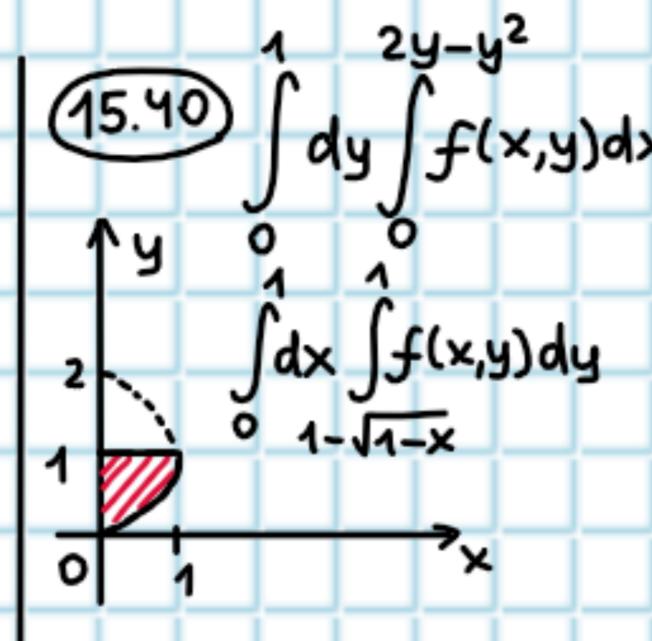
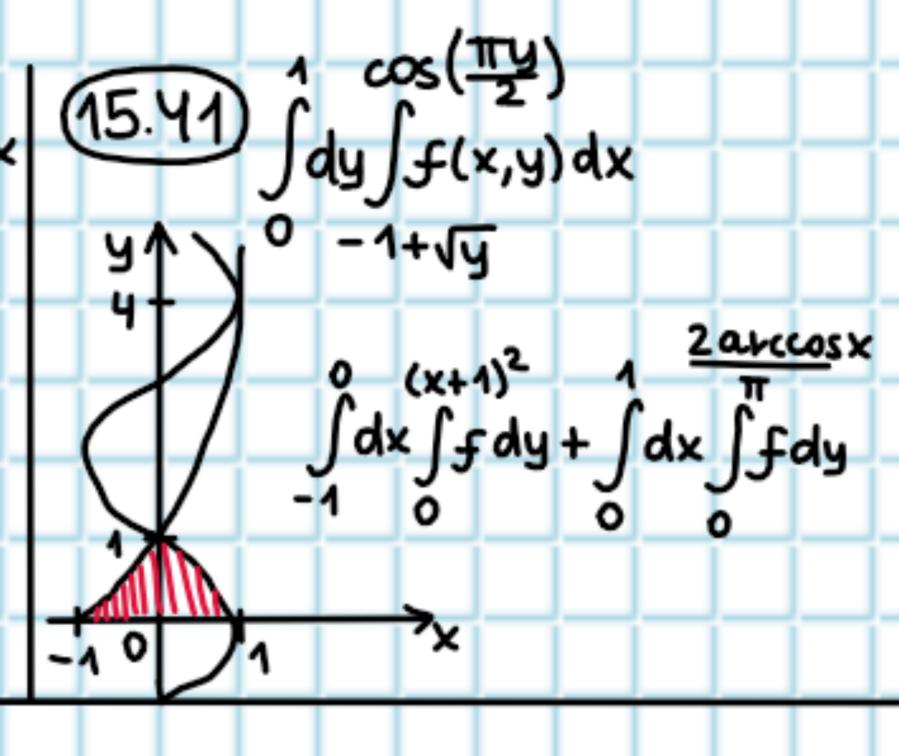


Изменить порядок интегрирования в интеграле:







Изменив порядок интегрирования, вычилить интеграл:

$$\frac{15.60}{\int_{0}^{1} dy \int_{0}^{1-y} e^{-x^{2}+2x+1} dx} = \int_{0}^{1} dx \int_{0}^{1-x} e^{-x^{2}+2x+1} dy = \int_{0}^{1} (1-x)e^{-x^{2}+2x+1} dx = \frac{e^{-x^{2}+2x+1}}{2} \int_{0}^{1} = \frac{e^{2}-e}{2}$$

$$\frac{(15.61)}{\int_{0}^{2} x^{2} dx} \int_{0}^{2} e_{h(1+y^{2})} dy = \int_{0}^{2} dy$$

$$\int_{x^{2}}^{x^{2}} dx \int_{x^{2}}^{x^{2}} en(1+y^{2}) dy = \int_{x^{2}}^{x^{2}} en(1+y^{2}$$

