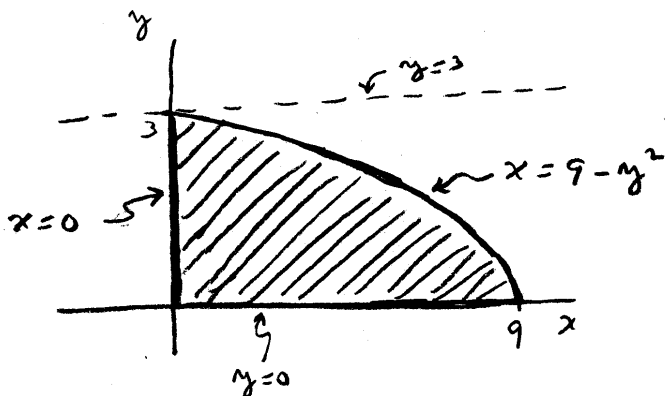
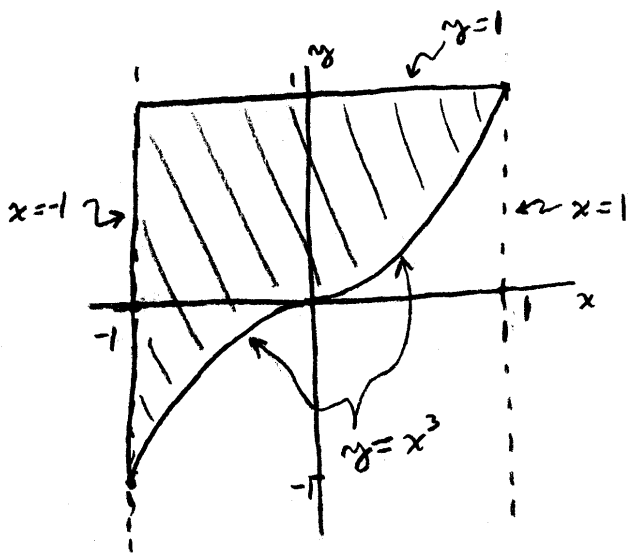


Sketches

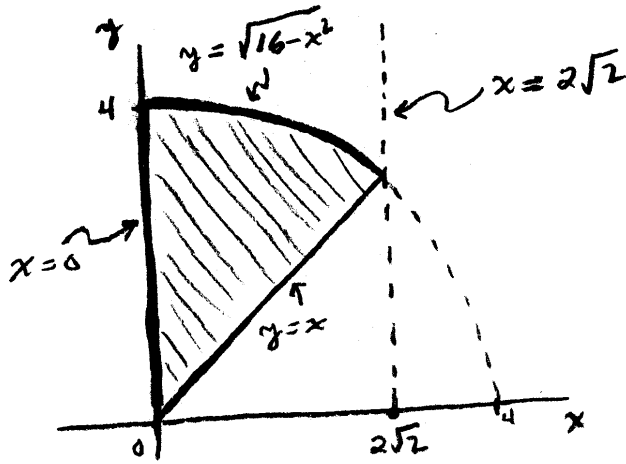
(3) (a)  $\int_{y=0}^{y=3} \int_{x=0}^{x=9-y^2} f(x,y) dx dy$



(b)  $\int_{x=-1}^{x=1} \int_{y=x^3}^{y=1} f(x,y) dy dx$



(4) (a)  $\int_{x=0}^{x=2\sqrt{2}} \int_{y=x}^{y=\sqrt{16-x^2}} 3x \, dy \, dx$



(b)  $\int_{y=0}^{y=1} \int_{x=-y}^{x=y} (x^2 + 2y) \, dx \, dy$

