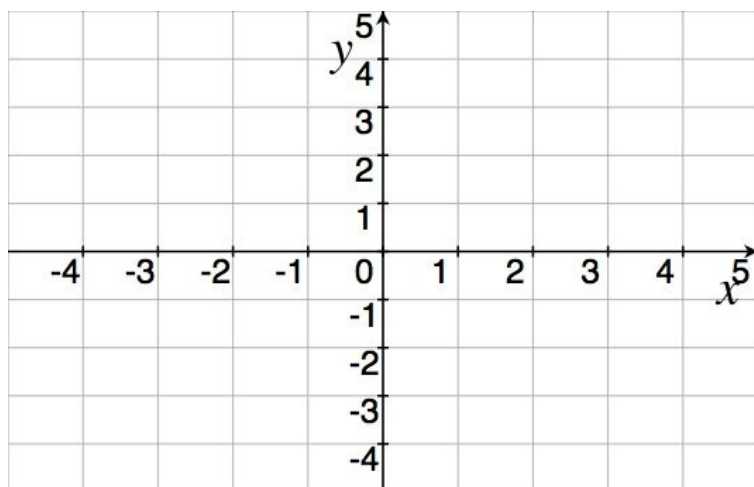
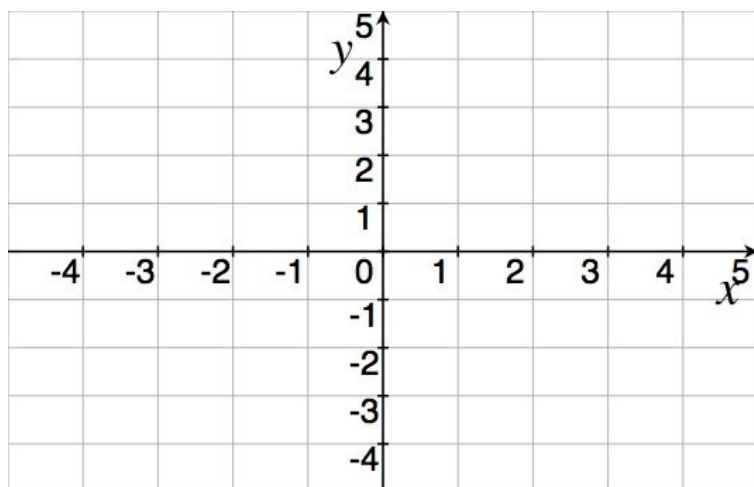


Area

1. Consider the curves described by $y = x^2$ and $y = 2x - x^2$. Draw both curves on the graph below and find the area trapped between them.



2. Consider the function $f(x) = x(x - 2)(x - 4)$. Sketch the function on the graph below and find the area trapped enclosed by the function f , $x = 0$ and $x = 2$.



3. Consider the curves described by $y^2 - 4y = x$ and $2y - y^2 = x$. Draw both curves on the graph below and find the area trapped between them.

