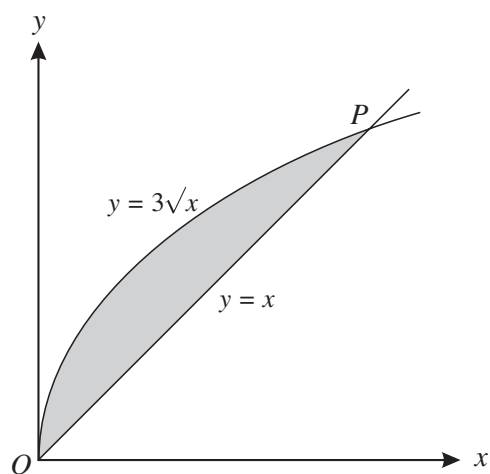


3



The diagram shows the curve $y = 3\sqrt{x}$ and the line $y = x$ intersecting at O and P . Find

(i) the coordinates of P ,

[1]

(ii) the area of the shaded region.

[5]