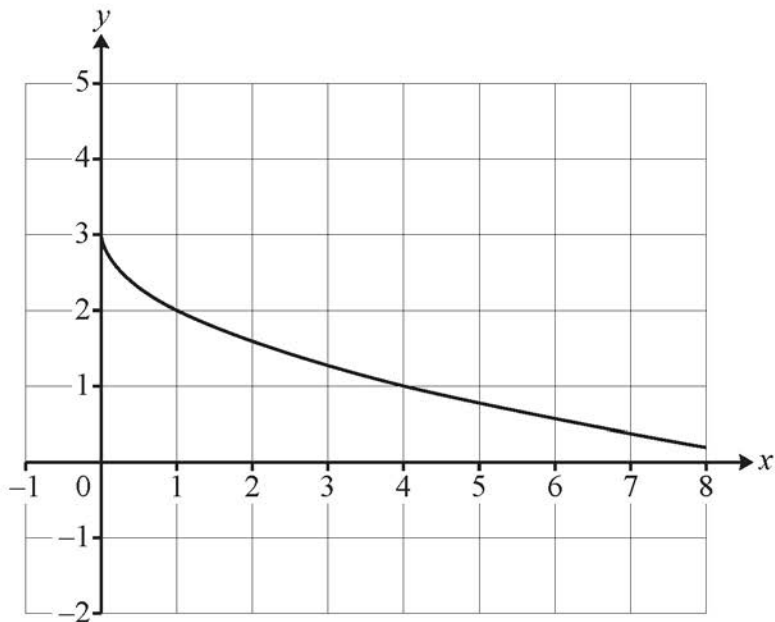


- 9 The diagram shows the curve $y = 3 - \sqrt{x}$.



- (a) Draw the line $y = 5x - 1$ on the copy of the diagram in the Printed Answer Booklet. [1]
- (b) **In this question you must show detailed reasoning.**

Determine the exact area of the region bounded by the curve $y = 3 - \sqrt{x}$, the lines $y = 5x - 1$ and $x = 4$ and the x -axis. [10]