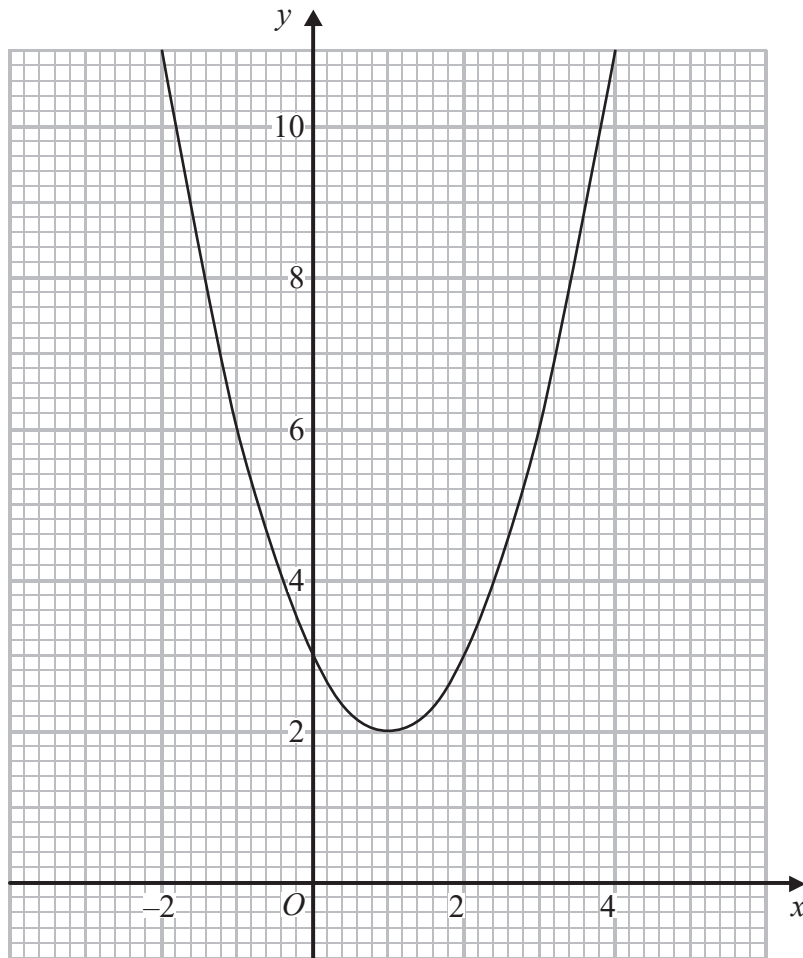


20 The diagram shows part of the graph of $y = x^2 - 2x + 3$



- (a) By drawing a suitable straight line, use your graph to find estimates for the solutions of $x^2 - 3x - 1 = 0$

.....
(2)

P is the point on the graph of $y = x^2 - 2x + 3$ where $x = 2$

- (b) Calculate an estimate for the gradient of the graph at the point P .

.....
(3)

(Total for Question 20 is 5 marks)

