

2

$$f(x) = 2x^2 - 8x + 5$$

Given that $f(x)$ can be written in the form $a(x - b)^2 + c$

(a) find the value of a , the value of b and the value of c .

(3)

(b) Write down

(i) the minimum value of $f(x)$,

(ii) the value of x at which this minimum occurs.

(2)

(Total for Question 2 is 5 marks)



P 4 2 9 5 0 A 0 3 3 2