19 A curve has equation $y = f(x)$

There is only one minimum point on the curve.
The coordinates of this minimum point are (5, 4)

Write down the coordinates of the minimum point on the curve with equation

(i) $y = f(x + 5)$

(.....,.....)
(1)

(ii) $y = 3f(x)$

(.....,.....)
(1)

(iii) $y = f(x) - 7$

(.....,.....)
(1)

(Total for Question 19 is 3 marks)

20 Solve the inequality $10x^2 + 11x - 21 < 0$
Show clear algebraic working.

.....

(Total for Question 20 is 3 marks)

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