1 $5c + d = c + 4d$

(a) Find the ratio $c : d$

.....

(2)

$6x^2 = 7xy + 20y^2$ where $x > 0$ and $y > 0$

(b) Find the ratio $x : y$

.....

(3)

(Total for Question 1 is 5 marks)

2 (b) Make p the subject of the formula $d = 3p + 4$

.....

(2)

(Total for Question 2 is 2 marks)

3 Make the subject of the formula $p = 3a - 9$

.....

(Total for Question 3 is 2 marks)

4 Make x the subject of the formula $y = \dfrac{4(2x - 7)}{5x + 3}$

.....

(Total for Question 4 is 4 marks)